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CATALOGUE

OF THE

SPECIMENS

OF

HEMIPTERA HETEROPTERA

IN

THE COLLECTION

OF THE

BRITISH MUSEUM.

PART V.

BY

FRANCIS WALKER, F.L.S., &c.

PRINTED FOR THE TRUSTEES OF THE BRITISH MUSEUM:
LONDON, 1872.

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PREFACE.

THE object of the present Catalogue is to give a complete List of all the genera and species of Hemiptera Heteroptera known to exist in the collections of European and American Entomologists. The letters *a*, *b*, *c*, &c., after the species, denote the specimens now contained in the British Museum, followed by the *habitat* and the mode in which each of them was obtained; and the absence of these *letters* indicates the species which are desiderata, and therefore desirable to be procured for the collection.

J. E. GRAY.

BRITISH MUSEUM,
August 27th, 1872.

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CATALOGUE

OF

HEMIPTERA HETEROPTERA.

PART V.

Fam. COREIDÆ (*continued*).

Genus 16. NAMACUS.

Namacus, *Serv. Hem.* 242.

1. NAMACUS TRANSVIRGATUS.

transvirgatus, *Serv. Hem.* 243.

Surinam.

2. NAMACUS RUFESCENS.

Mas. *Rufus, elongatus, subtus luteus; oculi prominuli; rostrum coxas intermedias attingens; antennæ nigræ, corporis dimidio breviores, articulo 3o albido-unifasciato, 4o luteo; prothoracis anguli postici rotundati non prominuli; abdominis segmenta apicalia marginibus posticis acutis; pedes rufi; membrana nigra.*

Male. Red, long, nearly linear, luteous beneath. Eyes prominent. Rostrum extending to the middle coxæ. Antennæ black, a little less than half the length of the body; second joint as long as the first; third a little shorter than the second, with a whitish band near the base; fourth luteous, elongate-fusiform, a little shorter than the third. Hind angles of the prothorax rounded, not prominent. Propectus red. Hind angles of the abdominal segments towards the tip acute. Legs red, moderately long and slender. Membrane of the fore wings black. Length of the body 7 lines.

a. Orizaba. From M. Sallé's collection.

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3. Namacus semialbus.

Mas. *Fuscus, elongatus, subtus albidus nigro biseriatim punctatus; oculi prominuli; rostrum flavum, coxas intermedias attingens; antennæ nigræ, corpore multo breviores; prothorax lateribus nigro lineatis, angulis posticis rotundatis non prominulis; abdominis dorsum nigrum, punctis lateralibus flavis; segmentum 2um ventrale punctis duobus discalibus nigris; pedes flavi, femoribus fuscescente subnotatis; membrana nigra.*

Male. Brown, long, nearly linear, whitish beneath. Eyes prominent. Rostrum yellow, extending to the middle coxæ. Antennæ black, much shorter than the body; first and fourth joints stouter than the second and the third; second much longer than the first; third a little longer than the first; fourth rather longer than the second. Prothorax with a black line along each side; hind angles rounded, not prominent. Pectus and under side of abdomen with a row of black points along each side; second ventral segment with a black point on each side of the disk. Abdomen above black, with yellow points along each side. Legs yellow, slender; femora slightly marked with pale brown. Membrane of the fore wings black. Length of the body 6½ lines.

a. Villa Nova. From Mr. Bates' collection.

Genus 17. CATORHINTHA.

Catorhintha, *Stal, Ofv. Vet. Ak. Forh.* 1859, 470; 1867, 549. *Hem. Fabr.* i. 58.

1. Catorhintha guttula.

Lygæus guttula, *Fabr. Ent. Syst.* iv. 162; *Syst. Rhyn.* 228—Gonocerus dorsiger, *Hope, Cat. Hem.* ii. 25—Catorhintha guttula, *Stal, Hem. Fabr.* i. 58.

West Indies. Columbia.

2. Catorhintha perfida.

perfida, *Stal, Ofv. K. V. Ak. Forh.* 1859, 471.

Brazil.

3. Catorhintha selector.

selector, *Stal, Ofv. K. V. Ak. Forh*, 1859, 471.

Mexico.

4. Catorhintha pallida.

pallida, *Mayr, Verh. Zool. Bot. Gesch.* 1865, 435; *Hem.* pl. 3, f. 29.

Brazil.

Genus 18. NIROVECUS.

Nirovecus, *Stal, Ofv. K. V. Ak. Forh.* 1859, 454.

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1. Nirovecus claviger.

claviger, *Stal, Ofv. K. V. Ak. Forh.* 1859, 455.

Mexico.

Genus 18. ZICCA.

Zicca, *Serv. Hem.* 240.

1. Zicca massulata.

massulata, *Serv. Hem.* 240.

Cayenne.

2. Zicca nigropunctata.

Cimex nigropunctatus, *Deg. Ins.* iii. 335, pl. 34, f. 12—14—Cimex delirator, *Fabr. Mant. Ins.* ii. 286—Coreus delirator, *Fabr. Ent. Syst.* iv. 130; *Syst. Rhyn.* 197—Zicca nigropunctata, *Stal, Hem. Afr.* i. 55.

Cayenne.

3. Zicca rubricator.

Coreus rubicator, *Fabr. Syst. Rhyn.* 197—Zicca rubricator, *Stal, Hem. Fabr.* i. 55.

South America.

4. Zicca annulata.

Hypselonotus annulatus, *Burm. Handb. Ent.* ii. 221—Zicca annulata, *Stal, Rio Jan. Hem.* 36.

Brazil.

5. Zicca consobrina.

consobrina, *Stal, Rio Jan. Hem.* 36.

Rio Janeiro.

6. Zicca cornuta.

cornuta, *Stal, Rio Jan. Hem.* 36.

Rio Janeiro.

Genus 19. DISCOGASTER, *C. H.* 503.

1. Discogaster rhomboideus, *C. H.* 503.

a—c. Tejuca. Presented by the Rev. H. Clark.
d. Rio Janeiro. Presented by the Rev. H. Clark.
e. ———? From Mr. Children's collection.

1. Discogaster Drewseni.

Drewseni, *Stal, Ofv. K. V. Ak. Forh.* 1855, 185.

Minas Geraes.

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Genus 20. CLAVIGRALLA, *C. H.* 511.

America.

1. CLAVIGRALLA ACANTHION, *C. H.* 512.

Vilga Acanthion, *Stal, Ofv. K. V. Ak. Forh.* 1859, 474.

a. Para. From Mr. Bates' collection.

2. CLAVIGRALLA NIGROPUNCTATA, *C. H.* 514.

a. British Guiana. Presented by Sir R. Schomburgk.
b. Venezuela. From Mr. Dyson's collection.

3. CLAVIGRALLA TÆNIOLA, *C. H.* 514.

a. Venezuela. From Mr. Dyson's collection.

4. CLAVIGRALLA ANNULATA.

annulata, *Sgnt. A. S. E. F.* 4*me Sér.* ii. 582.

Jurimaguas, Peru.

5. CLAVIGRALLA PULCHRA.

pulchra, *Stal, Ofv. K. V. Ak. Forh.* 1855, 185.

Brazil.

South Africa.

6. CLAVIGRALLA PILOSICOLLIS.

pilosicollis, *Stal, Ofv. K. V. Ak. Forh.* 1855, 31. *Hem. Afr.* ii. 106—similis, *Sgnt. A. S. E. F.* 3*me Sér.* viii. 944.

Caffraria. Zanzibar. Madagascar.

7. CLAVIGRALLA TOMENTICOLLIS.

tomenticollis, *Stal, Ofv. K. V. Ak. Forh.* 1855, 31. *Hem. Afr.* ii. 107.

Caffraria.

8. CLAVIGRALLA NATALENSIS.

Natalensis, *Stal, Ofv. K. V. Ak. Forh.* 1855, 31. *Hem. Afr.* ii. 107.

Caffraria.

9. CLAVIGRALLA HORRIDA.

Syromaster horridus, *Germ. Silb. Rev. Ent.* v. 145—Zicca horrida, *H.-Sch. Wanz. Ins.* ix. 271, pl. 320, f. 991—Clavigralla elongata, *Sgnt. A. S. E. F.* 3*me Sér.* viii. 944—Clavigralla flavipennis, *Sgnt. A. S. E. F.* 3*me Sér.* viii. 945—Clavigralla horrida, *Stal, Hem. Afr.* ii. 108.

Caffraria. Zanzibar. Mauritius. Madagascar.

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10. CLAVIGRALLA ACANTHARIS.

Alydus acantharis, *Thunb. Hem. Rostr. Cap.* iii. 1—Clavigralla muricata, *Stal, Ofv. K. V. Ak. Forh.* 1855, 31—Clavigralla acantharis, *Stal, Hem. Afr.* ii. 108.

a, *b*. Cape. Presented by W. W. Saunders, Esq.
c—*e*. Natal. From M. Gueinzius' collection.

11. CLAVIGRALLA HYSTRIX, *C. H.* 512.

Calabar.

a. Sierra Leone. Presented by the Rev. D. F. Morgan.

12. CLAVIGRALLA ELEVATOR, *C. H.* 511.

a, *b*. Sierra Leone. Presented by the Rev. D. F. Morgan.

13. CLAVIGRALLA HOPLOXYS, *C. H.* 515.

a. Gambia. From Mr. Shuckard's collection.

14. CLAVIGRALLA HYSTRICODES.

hystricodes, *Stal, Hem. Afr.* ii. 109.

Sierra Leone.

15. CLAVIGRALLA ANNULIPES.

annulipes, *Sgnt. A. S. E. F.* 3*me Sér.* viii. 945.

Madagascar.

South Asia.

16. CLAVIGRALLA GIBBOSA, *C. H.* 511.

a, *b*. Bombay. Presented by Sir W. Elliott.

17. CLAVIGRALLA ACANTHARIS (nomen bis lectum).

Lygæus acantharis, *Fabr. Syst. Rhyn.* 206—Clavigralla acantharis, *Stal, Hem. Fabr.* i. 67.

China.

18. CLAVIGRALLA TUBERCULATA, *C. H.* 513.

a, *b*. Hong Kong. Presented by J. C. Bowring, Esq.

19. CLAVIGRALLA SCUTELLARIS, *C. H.* 514.

a. China. Presented by G. T. Lay, Esq.
b. Hong Kong. Presented by J. C. Bowring, Esq.
c. Philippine Isles. From Mr. Wood's collection.

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20. CLAVIGRALLA HORRENS.

horrens, *Dohrn, Stett. Ent. Zeit.* xxi. 403.
Ceylon.

21. CLAVIGRALLA CONCOLOR.

concolor, *Dohrn, Stett. Ent. Zeit.* xxi. 403.
Ceylon.

22. CLAVIGRALLA SPINIGERA.

Mas. *Fusca; oculi prominuli; rostrum coxas posticas attingens; prothorax spinis quatuor erectis discalibus, angulis posticis acutis valde prominulis antrorsum subflexis; abdominis latera spinosa; venter e maculis tastaceis quadrivittatus; pedes testacei, femoribus apices versus fuscis, femoribus posticis clavatis subtus spinosis, tibiis fusco trifasciatis; membrana cinerea.*

Male. Brown. Eyes prominent. Rostrum extending to the hind coxæ. Prothorax with four short erect black-tipped spines in the disk; hind angles acute, very prominent, slightly ascending and slightly inclined forward. Scutellum turned in the disk. Abdomen with lateral spines; under side with four stripes of testaceous spots; the outer spots oblique, larger than the inner spots. Legs testaceous; femora brown towards the tips; hind femora clavate, with a few spines beneath; tibiæ with three brown bands. Membrane of the fore wings cinereous. Length of the body 4 lines.

a. Penang. Presented by J. C. Bowring, Esq.

23. CLAVIGRALLA DISPAR.

Mas. *Fulva, pubescens; oculi prominuli; antennæ setulosæ, corporis dimidio longiores; prothoracæ fuscescente trivittatus, angulis posticis rotundatis non prominulis; abdominis dorsum nigrum, maculis lateralibus pallide testaceis; ventris discus flavescens, fusco marginatus; femora postica clavata subtus trispinosa; tibiæ fusco trifasciatæ; membrana fusca, cinereo guttata.*

Male. Tawny, pubescent. Eyes prominent. Antennæ setulose, more than half the length of the body; second joint a little shorter than the first; third a little shorter than the second; fourth stouter than the third, which it equals in length. Prothorax with three brownish stripes; hind angles rounded, not prominent. Abdomen black above; connexivum with pale testaceous spots; under side with a yellowish disk which is bordered with brown. Tibiæ with three brown bands. Hind femora clavate, armed with three spines beneath. Membrane of the fore wings brown, with cinereous dots. Length of the body 4 lines.

a. ——? Presented by W. W. Saunders, Esq.

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Genus 21. MEVANIA.

Mevania, *Stal, Hem. Afr.* ii. 110.

1. Mevania spiniceps.

Clavigralla spiniceps, *Sgnt. A. S. E. F. 3me Sér.* viii. 944—Mevania spiniceps, *Stal. Hem. Afr.* ii. 110.

Madagascar.

Genus 22. MYLA.

Myla, *Stal, Hem. Afr.* ii. 111.

1 Myla nigrispina.

nigrispina, *Stal, Hem. Afr.* ii. 111.

Guinea.

Genus 23. COREUS.

Coreus, *Fabr. Syst. Rhyn.* 191—Dasycoris, *C. H.* 519.

1. Coreus scabricornis.

scabricornis, *Panz. Faun. Germ.* 99, 21. *Gorsky, Analecta*, 147. *Fieb. Eur. Hem.* 220—Merocoris denticulatus, *Hahn, Wanz. Ins.* ii. 106, pl. 62, f. 188—serratus, *Costa, Atti. Cim. R. Neap.* 7, pl. 4, f. 3, 371; pl. 3, f. 3—Dasycoris scabricornis, *Muls. et Rey, Pun. France*, iii. 55.

Europe.

2. Coreus Spinolæ.

Merocoris Spinolæ, *Costa, Atti. Cim. R. Neap. Cent.* i. 33, f. 5; *Cent.* ii. 7, pl. 4. f. 2; 173—Coreus denticulatus; *Wolff, Wanz. Ins.* 71, f. 68—Coreus Wolffi, *Gorsky, Anal. Ent.* 148—Coreus Spinolæ, *Fieb. Eur. Hem.* 220—Dasycoris Spinolæ, *Muls et Rey, Pun. France*, iii. 53.

S. Europe.

3. Coreus hirsutus.

hirsutus, *Fieb. Eur. Hem.* 221.

S. Europe.

4. Coreus denticulatus.

hirticornis, *Panz. Faun. Germ.* 92, 17—Dasycoris denticulatus, *C. H.* 519.

a—l. England.
m. England. Presented by F. Bond, Esq.
n, o. England. Presented by W. W. Saunders, Esq.
p. France. Presented by W. W. Saunders, Esq.
q. France. Presented by M. A. Serville.

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r, *s*. Geneva. Presented by M. Goudot.
t. Europe. From Mr. Children's collection.
u. Piedmont.

5. COREUS PILICORNIS.

pilicornis, *Klug*, *Burm. Handb. Ent.* ii. 309. *Flor. Rhyn. Liv.* i. 176. *Fieb. Eur. Hem.* 221—Dasycoris pilicornis, *Muls. et Rey*, *Pun. France*, iii. 31.

France. Germany.

6. COREUS DIFFICILIS.

difficilis, *Vollenhofen*, *Tijdschr. voor Ent. 2nd Ser.* iv. 56, pl. 1. f. 5.

Holland.

7. COREUS DENTATOR.

Dasycoris dentator, *C. H.* 519—Loxocnemis dentator, *Fieb. Eur. Hem.* 221. *Muls. et Rey*, *Pun. France*, iii. 58—Coreus Dufouri, *Lucas*, *Expl. Alg.* ii. 49, pl. 2, f. 1—Merocoris altèrnans, *Costa*, *Cim. R. Neap.* 8, pl. 4, f. 4—Coreus brevicornis, *Ramb. Faun. And.* ii. 133.

a, *b*. Italy.

8. COREUS ANNULIPES.

Coreus denticulatus, *Burm. Handb. Ent.* ii. 309. *Gorsky*, *Anal. Ent.* 148. Merocoris dentator, *Hahn*, *Wanz. Ins.* ii. 107, pl. 62, f. 189—Merocoris annulipes, *Costa*, *Cim. R. Neap.* 9, pl. 4, f. 5—Bothrostethus denticulatus, *Fieb. Eur. Hem.* 222 — Loxocnemis annulipes, *Muls. et Rey*, *Pun. France*, iii. 60.

Middle and South Europe.

9. COREUS ELEVATUS.

Bothrostethus elevatus, *Fieb. Eur. Hem.* 222.

Italy.

10. COREUS LUTEUS.

Bothrostethus luteus, *Fieb. Eur. Hem.* 223.

Turkey.

The following genera may be placed with the Coreidæ or with the Alydidæ:—

Genus. BACTRODOSOMA.

Bactrodosoma, *Stal*, *Rio. Jan. Hem.* 34.

1. BACTRODOSOMA PARALLELA.

parallelum, *Stal*, *Rio. Jan. Hem.* 35.

Rio Janeiro.

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Genus MADURA.

Madura, *Stal*, *Rio. Jan. Hem.* 35.

1. Madura fuscoclavata.

fuscoclavata, *Stal*, *Stett. Ent. Zeit.* xiii. 305. *Rio Jan. Hem.* 35.
Rio Janeiro.

2. Madura perfida.

perfida, *Stal*, *Stett. Ent. Zeit.* xxiii. 304.
Mexico.

3. Madura longicornis.

longicornis, *Stal*, *Stett. Ent. Zeit.* xxiii. 305.
Venezuela.

4. Madura macra.

Corduba macra, *Stal*, *Stett. Ent. Zeit.* xxiii. 305.

Prof. Stal distinguishes Madura from Corduba thus:—

A. Femora slightly clavate at the tips - - - Corduba.
B. Femora slightly and gradually incrassated towards the tips - - - - - - Madura.

Genus. UGNIUS.

Ugnius, *Stal. Ofr. K. V. Ak. Forh.* 1859, 452.

1. Ugnius Kermesinus.

Cimex Kermesinus, *Linn. Syst. Nat. Ed.* 10, 450; *Ed.* 12, 2, 732.—Cimex rubrobalteatus, *Deg. Ins.* iii. 339, pl. 34, f. 15.—Lygæus Kermesinus, *Fabr. Ent. Syst.* iv. 140; *Syst. Rhyn.* 211.—Ugnius Kermesinus, *Stal. Ofv. K. V. Ak. Forh.* 1859, 453.
Brazil.

2. Ugnius? badius.

Diactor badius, *H.-Sch. Wanz. Ins.* ix. 258, pl. 321, f. 997.
Paraguay.

Genus DIRNALUS.

Dirnalus, *Stal*, *Ofv. K. V. Ak. Forh.* 1859, 454.

1. Dirnalus prominulus.

prominulus, *Stal*, *Ofv. K. V. Ak. Forh.* 1851, 454.
Surinam.

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Genus PLUNENTIS.

Plunentis, *Stal, Ofv. K. V. Ak. Forh.* 1859, 455.

1. Plunentis porosus.

porosus, *Stal, Ofv. K. V. Ak. Forh.* 1859, 455.
Rio Janeiro.

2. Plunentis tabulatus.

Gonocerus tabulatus, *Burm.* see Part iv. p. 184—Plunentis tabulatus, *Stal.*
Mexico.

Genus LYBINDUS.

Lybindus, *Stal, Ofv. K. V. Ak. Forh.* 1859, 453.

1. Lybindus rufocinctus.

rufocinctus, *Stal, Ofv. K. V. Ak. Forh.* 1859, 453.
Rio Janeiro.

2. Lybindus dichrous.

dichrous, *Stal, Ofv. K. V. Ak. Forh.* 1859, 454.
Brazil.

Genus LUPANTHUS.

Lupanthus, *Stal, Ofv. K. V. Ak. Forh.* 1859, 472.
Nearly allied to Scamurius.

1. Lupanthus incarnatus.

incarnatus, *Stal, Ofv. K. V. Ak. Forh.* 1859, 472.
Brazil.

2. Lupanthus cliens.

cliens, *Stal, Ofv. K. V. Ak. Forh.* 1859, 472.
Brazil.

Genus PLAPIGUS.

Plapigus, *Stal, Ofv. K. V. Ak. Forh.* 1859, 473.

1. Plapigus vexillarius.

Chariesterus vexillarius, *Burm. Handb. Ent.* ii. 317.
Brazil.

2. Plapigus circumductus.

circumductus, *Stal, Ofv. K. V. Ak. Forh.* 1859, 473.
Columbia.

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3. PLAPIGUS CIRCUMCINCTUS.

circumcinctus, *Stal, Ofv. K. V. Ak. Forh.* 1859, 473.

Mexico.

4. PLAPIGUS PATELLATUS.

patellatus, *Stal, Ofv. K. V. Ak. Forh.* 1859, 474.

La Guayra.

5. PLAPIGUS FOLIACEATUS.

Chondrocera foliaceata, *Blanch. Orb. Voy. Amér. Mér. Ins.* 22, pl. 10, f. 4 —Plapigus foliaceatus, *Stal, Berl. Ent. Zeit.* x. 381.

Bolivia

Prof. Stal observes that Chondrocera, *De Lap.*, is identical with Petalotoma, *Guér.*

6. PLAPIGUS SPINOSUS.

Pendulinus spinosus, *Thunb.*—Plapigus spinosus, *Stal, Berl. Ent. Zeit.* ix. 159.

Genus DIARIPTUS.

Diariptus, *Stal, Ofv. K. V. Ak. Forh.* 1859, 452.

"Allied to Archimerus," *Stal.*

1. DIARIPTUS HEXACANTHUS.

hexacanthus, *Stal, Ofv. K. V. Ak. Forh.* 1859, 452.

Cametà.

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ADDITIONS TO THE COREIDÆ.

Genus CHOROSOMA, Part 4, p. 179.

CHOROSOMA BREVICORNIS.

Chorosoma brevicorne, *Muls. et Rey, Ann. Soc. Linn. Lyon*, 1850—52, 92. *Muls. Opusc. Ent.* i. 111—Sudalus brevicornis, *Muls. et Rey, Pun. France*, iii. 176.

South France.

Genus NEIDES, Pt. 4, p. 179.

NEIDES HIRTICORNIS.

Neides hirticornis, *Brullé, Hist. Nat. Hém.* 355. *Muls. et Rey, Pun. France*, iii. 212—Berytus pilicornis, *Flor, Wien. Ent. Mon.* 1862, 45—Berytus trichocerus? *Scholtz, Arb. Ver. Schles. Ges.* 1846.

South France.

NEIDES MONTIVAGUS, p. 180.

Berytus rotundatus, *Flor, Wien. Ent. Mon.* 1862, 44.

NEIDES LONGICOLLIS.

Berytus longicollis, *Muls. et Rey, Pun. France*, iii. 225.

South France.

NEIDES GRACILIS.

Berytus gracilis, *Muls. et Rey, Pun. France*, iii. 227.

South France.

NEIDES ANGUSTIPENNIS.

Berytus angustipennis, *Costa, Addit. Cim. Regn. Neap.* 1860, 15.

Naples.

NEIDES SPINOSUS, Pt. 4, p. 182.

a—e. Indiana. Presented by F. Walker, Esq.

Genus BERYTUS, Pt. 4, p. 182.

BERYTUS PUNCTIPES, p. 182.

Armanus punctipes, *Muls. et Rey, Pun. France*, iii. 188.

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BERYTUS MERIDIONALIS.

Metacanthus meridionalis, *Costa, Att. Inst. Neap.* vii. pl. 1, f. 4. *Muls. et Rey, Pun. France*, iii. 194.

Naples. Spain.

Fam. 2. RHOPALIDÆ, *C. H.* 520.

A. Third joint of the antennæ not dilated.
a. Hind femora spiny beneath.
* Second joint of the antennæ much shorter than the third. - - - - - 2. PSEUDOPHLŒUS.
** Second and third joints of the antennæ about equal in length.
† Pectus with a longitudinal groove. - - - 1. HARMOSTES.
†† Pectus with no groove. - - - - 3. CERALEPTUS.
b. Hind femora unarmed.
* Eyes not petiolated. - - - - 9. ELDARCA.
** Eyes petiolated.
† Membrane with from fifteen to twenty-five veins. - 4. THERAPHA.
†† Membrane with from eight to ten veins.
‡ Eyes not projecting beyond the fore angles of the prothorax. - - - - - 5. MARGUS.
‡‡ Eyes projecting beyond the fore angles of the prothorax.
§ Head received as far as the eyes into the prothorax. 6. MACCEVKTHUS.
§§ Head narrowed like a neck behind the eyes. - 7. RHOPALUS.
B. Third joint of the antennæ much dilated at the tip. 8. ERETMOPHORA.

Genus 1. HARMOSTES, *C. H.* 520.

1. HARMOSTES VIRESCENS, *C. H.* 520.

costalis, *Germ. H.-Sch. Wanz. Ins.* ix. 270, pl. 320, f. 992.

a. Georgia. Presented by E. Doubleday, Esq.
b. United States. Presented by F. Walker, Esq.

2. HARMOSTES CHILENSIS, *C. H.* 521.

Merocoris minor, *Spin. Faun. Chil.* 165—Harmostes minor, *Sgnt. A. S. E. F.* 4*me Sér.* iii. 561.

a. Chili. From Mr. Cuming's collection.

3. HARMOSTES RHAPHIMERUS.

Merocoris rhaphimerus, *Spin. Faun. Chil.* 164—Harmostes rhaphimerus, *Sgnt. A. S. E. F.* 4*me Sér.* iii. 560.

Chili.

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4. HARMOSTES MARMORATUS.

marmoratus, *Blanch. Faun. Chile*, 166. *Sgnt. A. S. E. F. 4me Sér.* iii. 561.

Chili.

5. HARMOSTES SERRATUS, *C. H.* 521.

Acanthia serrata, *Fabr. Ent. Syst.* iv. 75—Coreus gravidator, *Fabr. Ent. Syst.* iv. 133—Syrtis serrata, *Fabr. Syst. Rhyn.* 123—Coreus gravidator, *Fabr. Syst. Rhyn.* 199—Harmostes perpunctatus, *C. H.* 521—Harmostes serratus, *Stal*, *Hem. Fabr.* i. 67.

Mexico. South America.

a—d. ———? From Mr. Children's collection.

6. HARMOSTES AFFINIS, *C. H.* 522.

a. ———? From Mr. Children's collection.

7. HARMOSTES DORSALIS.

dorsalis, *Burm. Handb. Ent.* ii. 307.

Mexico.

8. HARMOSTES PROLIXUS.

prolixus, *Stal*, *Rio Jan. Hem.* 37.

Rio Janeiro.

9. HARMOSTES APICATUS.

apicatus, *Stal*, *Eug. Resa*, 36.

Buenos Ayres.

10. HARMOSTES NEBULOSUS.

nebulosus, *Stal*, *Stett. Ent. Zeit.* xxiii. 307.

Mexico.

Genus 2. PSEUDOPHLŒUS.

Pseudophlœus, *Burm. Handb. Ent.* 208. *Fieb. Eur. Hem.* 217—Atractus, p., *C. H.* 522.

1. PSEUDOPHLŒUS WALTLII.

Atractus Waltli, *C. H.* 522—Coreus Hispanus, *Ramb. Faun. And.* 134.

France.

a. ———?

3. PSEUDOPHLŒUS NUBILUS.

Atractus nubilus, *C. H.* 522—Pseudophlœus dentipes, *Boh. Nya. Sw. Hem.*—Bathysolin nubilus, *Fieb. Eur. Hem.* 216.

a. Versailles.

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3. Pseudophlœus spinipes.

Atractus? spinipes, *C. H.* 523—Arenocoris spinipes, *Muls. et Rey, Pun. France*, iii. 76.

a. Italy. Presented by Dr. Dowler.

4. Pseudophlœus laticornis.

Coreus laticornis, *Schill. Beitr.* 42, pl. 2, f. 2. *Panz. Faun. Germ.* 135, 3—Atractus cinereus, *De Lap. Hem.* 46. *Serv. Hem.* 210, pl. 4, f. 1—Spathocera laticornis, *Fieb. Eur. Hem.* 215. *Muls. et Rey, Pun. France*, iii. 96.

France. Germany.

a—i. Madeira. From Mr. Wollaston's collection.

5. Pseudophlœus Dalmanni.

Coreus Dalmanni, *Schill, Beitr.* 41, pl. 1, f. 1—Arenocoris Dalmanni, *Hahn, Wanz. Ins.* ii. 112, pl. 64, f. 193—Pseudophlœus? Dalmanni, *Burm. Handb. Ent.* ii. 308—Spathocera Dahlmanni, *Fieb. Eur. Hem.* 216—Spathocera Dalmani, *Stein, Berl. Ent. Zeit.* iv. 254. *Stal, K. V. Ak. Forh.* 1862, 205. *Douglas and Scott, Hem.* 216. *Muls. et Rey, Pun. France*, iii. 99.

Europe.

6. Pseudophlœus Falleni.

Coreus Falleni, *Schill. Beitr.* 46, pl. 1, f. 2—Arenocoris Falleni, *Hahn, Wanz. Ins.* ii. 112, f. 192—Pseudophlœus Fallenii, *Burm. Handb. Ent.* ii. 308. *Serv. Hist. Hem.* 247. *Gorski, Anal. Ent.* 153. *Fieb. Eur. Hem.* 217. *Stal, K. V. Ak. Forh.* 1862, 267. *Douglas and Scott, Hem.* 124. *Muls. et Rey, Pun. France*, iii. 88—Atractus lituratus, *Curt. Brit. Ent.* x. 500.

a—c. England. Presented by F. Smith, Esq.
d, e. England.

7. Pseudophlœus lobatus.

lobatus, *H.-Sch. Wanz. Ins.* vi. 6, pl. 182, f. 561. *Costa, Cim. Cent.* 2, 6. *Gorski, Anal. Ent.* 154—Syromastes obscurus, *Germ. Faun. Eur.* 22, 11—Spathocera lobata, *Fieb. Eur. Hem.* 216. *Stein, Berl. Ent. Zeit.* iv. 254. *Muls. et Rey, Pun. France*, iii. 101.

South Europe.

8. Pseudophœus auriculatus.

auriculatus, *Fieb. Eur. Hem.* 217.

Sicily.

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9. PSEUDOPHLŒUS TYPHÆCORNIS.

Coreus typhæcornis, *Fabr. Syst. Rhyn.* 198. *Panz. Faun. Germ.* 127, 7—Pseudophlœus obscurus, *H.-Sch. Wanz. Ins.* v. 5, pl. 181, f. 560. *Gorski, Anal. Ent.* 155—Pseudophlœus Genei, *Germ. Faun. Eur.* 24, 18—Atractus Genei, *Spin. Ess.* 213—Strobilotoma typhæcornis, *Fieb. Eur. Hem.* 218. *Muls. et Rey, Pun. France*, iii. 81.

South Europe. Mesopotamia.

10. PSEUDOPHLŒUS MARGINATUS.

Aoplochilus marginatus, *Fieb. Eur. Hem.* 218.

Sicily.

11. PSEUDOPHLŒUS DISCIGER.

Palethrocoris disciger, *Kol. Mel.* 48, pl. 7, f. 4.

Caucasus Region.

South America.

12. PSEUDOPHLŒUS MUTICUS.

muticus, *Sgnt. A. S. E. F.* 4*me Sér.* iii. 559.

Chili.

13. PSEUDOPHLŒUS CHILENSIS.

Chilensis, *Stein, Zeitsch.* 253. *Sgnt. A. S. E. F.* 4*me Sér.* iii. 559.

Chili.

Genus 3. CERALEPTUS, *C. H.* 523.

1. CERALEPTUS GRACILICORNIS, *C. H.* 523.

a. Polish Ukraine. Presented by Dr. Dowler.

2. CERALEPTUS SQUALIDUS.

squalidus, *Costa, Cent.* 213, pl. 4, f. 7. *Fieb. Eur. Hem.* 219. *Douglas and Scott, Hem.* 127, pl. 5, f. 1—lividus, *Stein, Berl. Ent. Zeit.* ii. 75.

a. ——— ?

3. CERALEPTUS LEPTOCERUS.

squalidus, *Stein, Berl. Ent. Zeit.* ii. 73—leptocerus, *Fieb. Eur. Hem.* 219.

South Europe.

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4. CERALEPTUS MACULATUS.

maculatus, *Stein, Berl. Ent. Zeit.* ii. 75—Coreus neglectus? *H.-Sch. Wanz. Ins.* ix. 256.

Germany.

5. CERALEPTUS BELLIERI.

Bellieri, *Sgnt. A. S. E. F. 4me Sér.* ii. 375. *Muls. et Rey, Pun. France,* iii. 73.

Corsica.

Genus 4. THERAPHA.

Therapha, *Serv. Hem.* 245.

1. THERAPHA HYOSCYAMI.

Rhopalus Hyoscyami, *C. H.* 530.

a—l. England.
m. Geneva. Presented by M. Goureau.
n—p. Italy. Presented by Dr. Dowler.
q—s. Europe. From Mr. Children's collection.
t. Europe. Presented by W. W. Saunders, Esq.

Genus 5. MARGUS, *C. H.* 523.

1. MARGUS PECTORALIS, *C. H.* 523.

a. Columbia. From M. Goudot's collection.

2. MARGUS PALLIPES, *C. H.* 524.

a. Venezuela. From Mr. Dyson's collection.

3. MARGUS OBSCURATOR.

Coreus obscurator, *Fabr. Syst. Rhyn.* 200.—Margus impudens, *Stal. Rio Jan. Hem.* i. 37.—Margus obscurator, *Stal. Hem. Fabr.* i. 57.

Brazil.

4. MARGUS NERVOSOPUNCTATUS.

nervosopunctatus, *Stal, Hem. Fabr.* i. 58. *Sgnt. A. S. E. F. 4me Sér.* iii. 560, pl. 13. f. 34.

Chili.

5. MARGUS SINUATOCOLLIS.

Merocoris sinuatocollis, *Spin. Faun. Chil.* 162—Margus sinuatocollis, *Sgnt. A. S. E. F. 4me Sér.* iii. 560.

Chili.

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6. MARGUS INCONSPICUUS.

Syromastes inconspicuus, *H.-Sch. Wanz. Ins.* iv. 14, pl. 185, f. 570. *Stal, Hem. Fabr.* i. 58.

Mexico.

7. MARGUS GRAPTOSTERNUS.

graptosternus, *Stal, Stett. Ent. Zeit.* xxiii. 304. *Hem. Fabr.* i. 58.

New Granada.

8. MARGUS PALLESCENS.

pallescens, *Stal, K. V. Ak. Handb.* vi. 58. *Hem. Fabr.* i. 58.

Buenos Ayres.

9. MARGUS INORNATUS.

inornatus, *Stal. Stett. Ent. Zeit.* xxiii. 304.

Mexico.

10. MARGUS DISTINCTUS.

distinctus, *Sgnt. A. S. E. F. 4me Sér.* iii. 559, pl. 13, f. 22. *Stal, Hem. Fabr.* i. 58.

Chili.

11. MARGUS NIGROPUNCTATUS.

nigropunctatus, *Sgnt. A. S. E. F. 4me. Sér.* iii. 560, pl. 13, f. 23. *Stal, Hem. Fabr.* i. 58.

Chili.

Genus 6. MACCEVETHUS, *C. H.* 524.

1. MACCEVETHUS ERRANS, *C. H.* 524.

Corizus lineola, *Stal, Hem. Fabr.* i. 68.

a, *b*. Italy. Presented by Dr. Dowler.
c. ———? Presented by W. W. Saunders, Esq.

2. MACCEVETHUS CORSICUS.

Corsicus, *Sgnt. A. S. E. F. 4me Sér.* ii. 376. *Muls. et Rey, Pun. France*, iii. 108.

Corsica.

3. MACEVETHUS LATIVENTRIS.

lativentris, *Motsch. Bull. Soc. Nat. Mosc.* xxxix. i. 198.

Japan.

Genus 7. RHOPALUS, *C. H.* 525.

Brachycarenus, Fieber, and Colobatus, Mulsant and Rey, are included in this genus.

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Europe.

1. Rhopalus Abutilon.

Cimex Abutilon, *Rossi*, *Faun. Etr.* sp. 1325—Cimex magnicornis, *Fabr. Ent. Syst.* iv. 148—Coreus magnicornis, *Fabr. Syst. Rhyn.* 200—Coreus capitatus, *Panz. Faun. Germ.* 92, 19—Rhopalus magnicornis, *Sahlb. Geoc. Fen.* 45—Corizus substriatus, *Klug. Burm. Ent.* ii. 306—Corizus Abutilon, *Sgnt. A S. E. F. 3me Sér.* vii. 77—Rhopalus crassicornis, *C. H.* 527— Rhopalus Abutilon, *Feib. Eur. Hem.* 223. *Muls. et Rey, Pun. France*, iii. 115—Coreus Abutilon, *Stal, Hem. Fabr.* i. 69.

a—d. England.
e. Italy. Presented by Dr. Dowler.
f. Europe. From Mr. Children's collection.
g. S. France.
h. Italy.

2. Rhopalus Signoreti.

Cimex magnicornis, ? *Fabr.*—Corizus magnicornis, *Sgnt. A. S. E. F. 3me Sér.* vii. 80—Rhopalus Signoreti, *Muls. et Rey, Pun. France*, iii. 610.

Signoret and Mulsant are of opinion that this species is the C. magnicornis of Fabr.

France.

3. Rhopalus crassicornis.

Cimex crassicornis, *Linn. Faun. Suec.* 952; *Syst. Nat.* i. 729—Lygæus crassicornis, *Fabr. Ent. Syst.* iv. 168. *Wolff, Wanz. Ins.* f. 140—Coreus crassicornis, *Fabr. Syst. Rhyn.* 201. *Panz. Faun. Germ.* 92, 18—Corizus crassicornis, *Fall, Hem.* 41. *Sgnt. A. S. E. F.* 3*me Sér.* vii. 79—Rhopalus crassicornis, *Schill. Beitr.* pl. 6, f. 2; *Wanz. Ins.* f. 227. *Sahlb. Geo. Fen.* 45. *Fieb. Eur. Hem.* 234—Rhopalus magnicornis, *C. H.* 528.

a—h. England.
i—l. Europe. From Mr. Children's collection.
m. Italy.
n—x. Madeira. From Mr. Wollaston's collection.

4. Rhopalus gracilis, *C. H.* 528.

Corisus truncatus, *Ramb. Faun. And.* 144—Corizus sanguineas, *Costa, Cim. Regn. Neap.* 14, pl. 6. f. 7, 8. *Dohrn, Stett. Ent. Zeit*, 1860, 107, pl. 1, f. 7—Corizus Siculus, *Sgnt. A. S. E. F.* 3*me Sér.* vii. 91—Rhopalus truncatus, *Fieb. Eur. Hem.* 234—Colobatus gracilis, *Muls et Rey, Pun. France*, iii. 137.

a—i. France. Presented by F. Walker, Esq.

Inhabits Chili also.

5. Rhopalus lepidus.

lepidus, *Fieb. Eur. Hem.* 234.

Corsica.

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6. RHOPALUS TIGRINUS, *C. H.* 528.

Corizus laticeps, *Boh. Vct. Ak. Forh.* 1849—Corizus gemmatus, *Costa, Cent.* 3—4, 13, pl. 6, f. 7—Brachycarenus tigrinus, *Fieb. Eur. Hem.* 237. *Muls. et Rey, Pun. France*, iii. 143—Corisus pudicus, *Ramb. Faun. And.* 143.

a. S. France. Presented by W. W. Saunders, Esq.
b. S. France.

7. RHOPALUS MACULATUS, *C. H.* 528.

Corizus maculatus, *Fieb. Eur. Hem.* 235. *Sgnt. A. S. E. F. 3me Sér.* vii. 93. *Flor, Rhynch. Liv.* i. 193. *Douglas and Scott, Hem.* ii. 33—Rhopalus maculatus, *Muls. et Rey, Pun. France*, iii. 126.

a. England.
b. Europe. From Mr. Children's collection.

8. RHOPALUS CAPITATUS, *C. H.* 528.

Cimex nervosus, *Scop. Ent. Carn.* 129—Corizus capitatus, *Fieb. Eur. Hem.* 235.

a. England. Presented by E. C. Rye, Esq.
b—g. England.
h. Italy. Preeented by Dr. Dowler.

9. RHOPALUS DISTINCTUS.

Corizus distinctus, *Sgnt. A. S. E. F. 3me Sér.* vii. 83—Rhopalus distinctus, *Muls. et Rey, Pun. France*, iii. 127.

S. France.

10. RHOPALUS ERRANS.

Cimex lineola, *Fabr. Mant In.s* ii. 302—Lygæus lineola, *Fabr. Ent. Syst.* iv. 163; *Syst. Rhyn.* 228—Coreus errans, *Fabr. Syst. Rhyn.* 200. *Coqueb. Icon.* pl. 10, f. 11—Myrmus errans, *Wolff, Wanz. Ins.* f. 226—Corizus errans, *Panz, Faun. Germ.* 127, 1—Corizus Caucasicus, *Kol. Mel.* 59, pl. 7, f. 5—Cymus Bæticus, *Ramb. Faun. And.* 141—Rhopalus errans, *Fieb. Eur. Hem.* 233—Rhopalus lineola, *Stal, Hem. Fabr.* i. 68.

S. Europe.

11. RHOPALUS CONSPERSUS.

Corizus conspersus, *Fieb. Weit. Beit.* 350, pl. 2, f. 27; *Eur. Hem.* 236—Corizus guttatus, *Synt. A. S. E. F. 3me Sér.* vii. 83—Rhopalus conspersus, *Muls. et Rey, Pun. France*, iii. 129.

Germany. Switzerland.

12. RHOPALUS PRATENSIS, *C. H.* 530.

a. England. Presented by W. W. Saunders, Esq.
a—i. England.

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j, S. France. Presented by M. Serville.
k, *l*. Italy.
m, *n*. Africa. From Mr. Children's collection.
o—*u*. Europe. Presented by W. W. Saunders, Esq.

13. RHOPALUS VICTORIS.

Victoris, *Muls. et Rey*, *Pun. France*, iii. 123.

France.

14. RHOPALUS RUFUS.

Rhopalus rufus, *Schill*, *Beitr.* 52—Corizus rufescens, *Kol. Mel.* ii. 59, pl. 7, f. 6—Corizus rufus, *Fieb. Eur. Hem.* 236—Rhopalus rufus, *Muls et Rey*, *Pun. France*, iii. 135.

France. Germany.

15. RHOPALUS MERIDIONALIS.

Corizus meridionalis, *Jakowleff*, *Horæ Soc. Ent. Ross.* vi. 116.

Astrachan.

America.

16. RHOPALUS PUNCTIPENNIS, *C. H.* 526.

a. N. America. Presented by the Entomological Club.
b. ? Mexico. Presented by W. W. Saunders, Esq.

17. RHOPALUS PUNCTIVENTRIS, *C. H.* 526.

a, *b*. N. America. From Lieut. Redman's collection.

18. RHOPALUS MACULIGERUS.

maculigerus, *Uhler*, punctipennis ?

a—*e*. Illinois. Presented by F. Walker, Esq.

19. RHOPALUS RUBER, *C. H.* 525.

a. Columbia. From M. Guodot's collection.

20. RHOPALUS QUADRILINEATUS.

Corizus quadrilineatus, *Sgnt. A. S. E. F.* 3*me Sér.* vii. 90.

Chili.

21. RHOPALUS LINEATOVENTRIS.

Merocoris lineatoventris, *Spin. Faun. Chil.* 168—Corizus lineatoventris *Sgnt. A. S. E. F.* 3*me Sér.* vii. 90.

Chili.

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22. Rhopalus fenestratus.

Corizus fenestratus, *Sgnt. A. S. E. F.* 3*me Sér.* vii. 93.
Chili.

23. Rhopalus rubescens (nomen bis lectum).

Merocoris rubescens, *Spin. Faun. Chil.* 173—Corius rubescens, *Sgnt. A. S. E. F.* 3*me Sér.* vii. 95.
Chili.

24. Rhopalus annulatus.

Corizus annulatus, *Sgnt. A. S. E. F.* 3*me Sér.* vii. 98.
Chili.

25. Rhopalus maculiventris.

Merocoris maculiventris, *Spin. Faun. Chil.* 170.
Chili.

26. Rhopalus microtomus.

Merocoris microtomus, *Spin. Faun. Chil.* 170.
Chili.

27. Rhopalus tricostatus.

Merocoris tricostatus, *Spin. Faun. Chil.* 172.
Chili.

28. Rhopalus Sidæ, *C. H.* 527.

Corizus Sidæ, *Sgnt. A. S. E. F.* 3*me Sér.* vii. 95. *Stal, Hem. Fabr.* i. 69.
a, *b*. W. Indies. From Mr. Children's collection.
c, *d*. S. America. From Mr. Children's collection.
e, *f*. Venezuela. From Mr. Dyson's collection.

29. Rhopalus hyalinus.

Lygæus hyalinus, *Fabr. Ent. Syst.* iv. 168—Coreus hyalinus, *Fabr. Syst. Rhyn.* 201—Rhopalus truncatus, *Fieb. Eur. Hem.* 234—Rhopalus hyalinus, *Stal, Hem. Fabr.* i. 69.
W. Indies.
a? St. Domingo. From Mr. Tweedie's collection.

30. Rhopalus scutatus.

scutatus, *Stal, Eug. Resa*, 239.
California.

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31. Rhopalus pictipes.

Corizus pictipes, *Stal*, *Eug. Resa*, 239. proximus, *Sgnt. A. S. E. F.* 3*me Sér.* vii. 96—Mexicanus, *Sgnt. A. S. E. F.* 3*me Sér.* vii. 95—nebulosus, *Sgnt. A. S. E. F.* 3*me Sér.* vii. 98.

Buenos Ayres. Tahiti.

a—d. Rio Janeiro. Presented by J. Gray, Esq.
e. Tejuca. Presented by the Rev. H. Clark.
f. Petropolis. Presented by J. Gray, Esq.

32. Rhopalus lugens.

lugens, *Stal*, *Eng. Resa.* 240.

Galapagos.

33. Rhopalus ventralis.

Corizus ventralis, *Sgnt. A. S. E. F.* 3*me Sér.* vii. 92.

Mexico.

34. Rhopalus scutellaris.

Corizus pilosicollis, *Stal*, *Ofv. K. V. Ak. Forh.* 1855, 31. *Sgnt. A. S. E. F.* 3*me Sér.* vii. 76—Corizus scutellaris, *Stal*, *Hem. Afr.* ii. 115—Corizus Stalii, *Sgnt. A. S. E. F.* 3*me Sér.* vii. 78—Corizus Coquerelü, *Sgnt. A. S. E. F.* vii. 78.

Madagascar.

a. S. Africa. Presented by Sir A. Smith.

S. Asia.

35. Rhopalus Bengalensis, *C. H.* 528.

a. N. Bengal. From Lieut. Campbell's collection.

36. Rhopalus Chinensis, *C. H.* 529.

a. China. Presented by G. T. Lay, Esq.

Genus 8. ERETMOPHORA.

Eretmophora, *Stein*, *Berl. Ent. Zeit.* iv. 255.

1. Eretmophora protensa.

protensa, *Stein*, *Berl. Ent. Zeit.* iv. 255.

Monte Video.

The following genus has been referred to the Rhopalidæ; the four wings are rudimentary.

Genus. MYRMIDIUS.

Myrmidius, *Costa*, *Ann. Mus. Zool. Nap.* ii. 135.

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Genus 8. ERETMOPHORA.

Eretmophora, *Stein, Berl. Ent. Zeit.* iv. 255.

1. Eretmophora protensa.

protensa, *Stein, Berl. Ent. Zeit.* iv. 255.
Monte Video.

The following genus has been referred to the Rhopalidæ; the four wings are rudimentary.

Genus MYRMIDIUS.

Myrmidius, *Costa, Ann. Mus. Zool. Nap.* ii. 135.

1. Myrmidius flavidus.

flavidus, *Costa, Ann. Mus. Zool. Nap.* ii. 136, pl. 1, f. 7.
Italy.

Genus 9. ELDARCA.

Eldarca, *Sgnt. A. S. E. F. 4me Sér.* iii. 557.

1. Eldarca hœmatomera.

Merocoris hœmatomera, *Spin. Faun. Chil.* 167—Eldarca hœmatomera, *Sgnt. A. S. E. F. 4me Sér.* iii. 557, pl. 2, f. 8.
Chili.

2. Eldarca nigra.

nigra, *Sgnt. A. S. E. F. 4me Sér.* iii. 558.
Chili.

3. Eldarca Germainii.

Germainii, *Sgnt. A. S. E. F. 4me Sér.* iii. 558, pl. 11, f. 3—Arioge Germainii, *Stal, Œfv. K. V. Ak. Forh.* 1867, 550.
Chili.

4. Eldarca sulcicornis.

sulcicornis, *Sgnt. A. S. E. F. 4me Sér.* iii. 558, pl. 13, f. 20.
Chili.

Tribe 3. INFERICORNIA, *C. H.* 530.

A. Rostrum with four distinct joints. Membrane of the fore wings with more than one longitudinal vein — 1. Lygæidæ.
B. Rostrum with only three distinct joints. Membrane of the fore wings with only one longitudinal vein — 2. Anthocoridæ.

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Fam. 1. LYGÆIDÆ, *C. H.* 531.

Lygeides and Rhyparochromides, *Serville*—Lygæina, Lygæidæ, Rhyparochromidæ, Phygadicidæ, Henestaridæ, and Cymidæ, *Douglas* and *Scott*.

Prof. Stal has divided this family into ten subfamilies:—

A. Abdominal segments nearly equally long.	
a. Fore acetabula remote from the hind border of the prostethium. - - -	1. BLISSIDA.
b. Fore acetabula on the hind border of the prostethium.	
* All the ventral incisures extending to the sides.	
† Fore wings not wholly dilated, nor broader than the abdomen.	
‡ Hook emitted by the subtensor vein.	
§ Prosternum and mesosternum with no distinct furrow.	
× Fore femora not or hardly thicker than the hind femora, unarmed, or thinly spinulose.	
o Membrane furnished with an areolet in the interior basal angle.	
-+ Areolet of the membrane emitting two veins.	2. LYGÆIDA.
-+-+ Areolet of the membrane emitting one longitudinal vein. - - - -	3. MALCIDA.
oo Membrane with no basal areolet. - -	4. GEOCORIDA.
×× Fore femora much thicker than the hind femora, with many spines beneath. -	5. PACHYGRONTHIDA.
§§ Prosternum and mesosternum with a distinct furrow. - - - - -	6. CRYPTORHAMPHIDA.
‡‡ Hook emitted by the connecting vein. -	7. PHYGADICIDA.
†† Fore wings wholly dilated and broader than the abdomen. - - - -	8. CYMIDA.
** Third ventral incisure not extending to the sides, near which it is recurved. - -	9. RHYPAROCHROMIDA.
B. Abdomen contracted at the base; second and third segments very long. - -	10. COLOBATHRISTIDA.

The same author has divided these subfamilies into genera, as follows:—

1. BLISSIDA.

A. Body slightly depressed. Fore legs much incrassated; tibiæ with many spines, much shorter than the femora. - - - -	CHELOCHIRUS.
B. Body considerably depressed. Fore femora and fore tibiæ nearly equally long, the latter neither incrassated nor spinose.	
a. Middle legs very remote from each other. Hind femora much incrassated and compressed. -	BOCHRUS.

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b. Middle legs hardly or slightly remote from each other.
* Hind femora unarmed. - - - - BLISSUS.
** Hind femora with many spines beneath. - - PAPIRIUS.

2. LYGÆIDA.

A. Eyes petiolated. - - - - - ASTACOPS.
B. Eyes sessile.
a. Antenniferous tubercles obtuse. - - - LYGÆUS.
b. Antenniferous tubercles sharply prominent on the outer side in front. - - - - NYSIUS.

4. GEOCORIDA.

A. Clavus widened towards the tip, or with parallel sides.
a. Body elongate. - - - - - NINUS.
b. Body oblong.
* Petiole of the eyes short.
† Bucculi long, extended by the insertion of the antennæ. - - - - - HENESTARIS.
†† Bucculi very short. - - - - GERMALUS.
** Petiole of the eyes long. - - - - HOEMUS.
B. Clavus perceptibly straitened towards the tip, sometimes narrowly joined with the corium. - GEOCORIS.

5. PACHYGRONTHIDA.

A. First joint of the antennæ very short, but extending in front of the head.
a. Eyes slightly prominent. First joint of the rostrum extending to the base of the head. - - TERACRIUS.
b. Eyes considerably prominent. First joint of the antennæ not extending to the base of the head. PHLEGYAS.
B. First joint of the antennæ longer than any of the others, extending beyond the head.
a. First joint of the antennæ gradually incrassated towards the tip, shorter or seldom slightly longer than the thorax. - - - ŒDANCALA.
b. First joint of the antennæ suddenly incrassated towards the tip, longer than the thorax. - PACHYGRONTHA.

8. CYMIDA.

A. Antenniferous tubercles sharply prominent in front on the outer side. First joint of the antennæ long, extending much beyond the tip of the head. - - - - - CYMODEMA.
B. Antenniferous tubercles obtuse. First joint of the antennæ shorter than the head, not or slightly extending beyond the tip of the latter. - OXYCARENUS.

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9. Rhyparochromida.

A. Ocelli more remote from each other than from the eyes.
a. Post-ocular part of the head short, not narrowed hindward. - - - - - Clerada.
b. Post-ocular part of the head long, narrowed hindward. - - - - - Pactye.
B. Ocelli less remote from each other than from the eyes.
a. Rostrum thick; first and second joints very short. Panchoea.
b. Rostrum slender; first and second joints long.
* Eyes far from the base of the head.
† Head with no neck. - - - - Hercæus.
†† Head with a cylindrical neck. - - - Myodocha.
* Eyes close to the base of the head.
† Thorax straitened.
‡ First joint of the antennæ longer than the head. - Narbo.
‡‡ First joint of the antennæ shorter than the head
§ Sides of the prothorax rather obtuse or very convex, not keeled.
× Fore lobe of the prothorax thrice or four times longer than the hind lobe.
o Eyes not close to the prothorax. First joint of the antennæ extending much beyond the head. - Cnemodus.
oo Eyes close to the prothorax. First joint of the antennæ hardly extending beyond the head. - Fontejus.
×× Lobes of the prothorax equally long, or the fore lobe not more than twice longer than the hind lobe, rarely a little shorter.
o Head not narrower than the hind lobe of the prothorax. - - - - - Gyndes.
oo Head narrower than the hind lobe of the prothorax. - - - - - Plociomera.
§§ Sides of the fore lobes of the prothorax keeled. - Polycrates.
†† Thorax very seldom slightly straitened.
‡ Longitudinal veins of the membrane not joined by the transverse veinlet.
§ Sides of the prothorax notched near the hind border. - - - - - Euander.
§§ Sides of the prothorax not notched near the hind border.
× Fore femora spiny beneath.
o First joint of the hind tarsi somewhat longer than the two apical joints together. - - Phoroneus.
oo First joint of the hind tarsi nearly or more than twice longer than the two apical joints together.
-+ First joint of the antennæ not extending to the tip of the head. - - - - - Peiantius.
-+-+ First joint of the antennæ extending more or less beyond the head. - - - - Beosus.

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×× Fore femora unarmed. - - - - ANDROGRUS.
‡‡ Three exterior veins of the membrane joined by the transverse veinlet. - - - LETHŒUS.

The following Synopsis is an abbreviated translation of Fieber's arrangement of the European species of the family.

A. Antennæ 3-jointed. - - - - TRITOMACERA.
B. Antennæ 4-jointed.
a. Fore auxiliary segments in the middle of the discal segments. - - - - ISCHNODEMUS.
b. All the auxiliary segments inserted by the hind borders of the discal segments.
* Hooks of the areolets distinct.
† Hooks on the lower veins. Veins of the membrane springing from its base, the two inner veins from one areolet, or all the veins free.
‡ First joint of the hind tarsi much longer than the second and third joints together, rarely equalling them in length.
§ Prothorax in front with two transverse ∞-forming furrows. Membrane with one areolet at the base of the two inner veins (Lygæidea).
× Eyes truncated behind. - - - TETRALACCUS.
×× Eyes not truncated behind.
o Rostrum longer than the head beneath. - - LYGÆUS.
oo Rostrum as long as the head beneath.
→ Fore femora with a little subapical spine. - CÆNOCORIS.
→→ Fore femora unarmed.
↔ Head transverse. First joint of the hind tarsi as long as the second and third joints together. AROCATUS.
↔↔ Head as long as broad. First joint of the hind tarsi longer than the second and third joints together.
∞ Scutellum in the middle with lateral furrows. - LYGÆOSOMA.
∞∞ Scutellum without furrows. - - - NYSIUS.
§§ Prothorax in front without transverse furrows. Membrane with four or five longitudinal straight or curved veins.
× Prothorax contracted behind the middle; sides tumid. (Plociomera).
o Prothorax much longer than its hind border. - PAROMIUS.
oo Prothorax as long as the breadth of its hind border. PLOCIOMERUS.
×× Prothorax not contracted, or with the hind part contracted beneath.
o Sides of the prothorax obtuse or concise.
→ Sides of the prothorax without keels.
↔ Prothorax elongated.
∞ Rostrum extending to the propectus. - - PRODERUS.
∞∞ Rostrum extending to the middle of the mesopectus. - - - - - IOUS.
↔↔ Prothorax trapeziform, short.

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∽ Rostrum extending to the tip of the abdomen. -	MECORHAMPHUS.
∽∽ Rostrum not extending beyond the metapectus.	
+ Eyes semicircular. - - - - -	HENESTARIS.
++ Eyes elongated. - - - -	OPHTHALMICUS.
→→ Sides of the prothorax with distinct keels.	
++ Prothorax excavated in front.	
∽ Head triangular. - - - -	PLINTHISUS.
∽∽ Head pentagonal. - - - -	DRYMUS.
++++ Prothorax straight in front.	
∽ Prothorax elongated or almost rectangular.	
+ Rostrum extending to the middle of the metapectus. - - - - -	ISCHNOCORIS.
++ Rostrum extending to the hind border of the mesopectus.	
= Fore femora unarmed, rarely with some bristles on the under edge.	
⊙ Second joint of the rostrum longer than the first.	MACRODEMA.
⊙⊙ Second joint of the rostrum shorter than the first.	AOPLOSCELIS.
== Fore femora with one or more spines beneath.	
⊙ Fore femora with a stout spine near the tip. -	MEGALONOTUS.
⊙⊙ Fore femora with two minute spines in the middle. - - - - -	PTEROTMETUS.
∽∽ Prothorax trapeziform, varying in length.	
+ Head longer than the breadth of the neck.	
= Body and limbs roughly hairy. - - -	LASIOCORIS.
== Body and limbs bare, or at most finely hairy.	
⊙ Fore femora not very thick. - - -	PERITRECHUS.
⊙⊙ Fore femora very thick. - - -	TROPISTETHUS.
++ Head shorter than the breadth of the neck.	
= Sides of the prothorax straight.	
⊙ Body bare, smooth, shining. - - -	LAMPRODEMA.
⊙⊙ Body wholly pubescent. - - -	PIONOSOMUS.
== Sides of the prothorax excavated.	
⊙ Prothorax with a conspicuous rim on the fore border. - - - - -	LASIOSOMA.
⊙⊙ Prothorax with no rim on the fore border.	
V Fore femora unarmed. - - -	ACOMPUS.
VV Fore femora with bristles on both edges beneath.	STYGNUS.
oo Sides of the prothorax foliaceous.	
→ Sides of the prothorax foliaceous only on the hinder half. - - - - -	HOMALODEMA.
→→ Sides of the prothorax foliaceous along the whole length.	
++ Fore border of the prothorax with a rim.	
∽ Rostrum slender, extending to the hind border of the metapectus. - - - -	EREMOCORIS.
∽∽ Rostrum stout, extending to the hind border of the mesopectus. - - - -	SCOLOPOSTETHUS.
++++ Fore border of the prothorax with no rim.	
∽ First joint of the hind tarsi only a little longer than the second and third joints together.	

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+	Fore femora slender, with some little spines. -	HYALOCHILUS.
++	Fore femora thick, with one stout spine. -	TRAPEZONOTUS.
∽∽	First joint of the hind tarsi almost twice or thrice longer than the second and third joints together.	
+	Fore border of the prothorax straight, with an abbreviated neck. - - - -	ISCHNOTARSUS.
++	Fore border of the prothorax excavated, rarely straight.	
=	First joint of the rostrum shorter than the head. -	MICROTOMA.
==	First joint of the rostrum as long as the head, or somewhat longer.	
⊙	Fore femora beset only on the inner edge of the fore half with one stout spine and with some little spines.	
V	Rostrum extending to the hind border of the metapectus. First joint of the hind tarsi thrice as long as the second and third joints together.	LETHÆUS.
VV	Rostrum extending to the hind border of the mesopectus. First joint of the hind tarsi twice as long as the second and third joints together. - - - -	RHYPAROCHROMUS.
⊙⊙	Fore femora beset with spines of equal size along the whole inner edge.	
V	Prothorax short, trapeziform.	
Λ	Outer edge of the fore femora beset with three or four spines. - - - - -	BEOSUS.
ΛΛ	Outer edge of the fore femora beset with six or eight spines.	
⊳	Rostrum extending to the middle of the mesopectus. - - - - -	GONIANOTUS.
⊳⊳	Rostrum extending to the middle of the metapectus. - - - - -	EMBLETHIS.
VV	Prothorax elongate, trapeziform.	
Λ	First joint of the antennæ longer than the fore part of the head. First joint of the hind tarsi thrice as long as the second and third joints together. - - - - -	ISCHNOPEZA.
ΛΛ	First joint of the antennæ as long as the fore part of the head. First joint of the hind tarsi twice as long as the second and third together. -	NEUROCLADUS.
##	First joint of the hind tarsi shorter than the second and third joints together.	
§	Rostrum extending to the base of the abdomen. -	ISCHNORHYNCHUS.
§§	Rostrum not extending beyond the middle of the mesopectus.	
×	Eyes small. - - - - -	ARTHENEIS.
××	Eyes large. - - - - -	HOLCOCRANUM.
††	Hooks on the inner veins. Veins of the membrane springing from the basal areolets.	
‡	Prothorax elongate, trapeziform. - -	PHYGADICUS.

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‡‡ Prothorax transversely trapeziform. - - PLATYPLAX.
** No hooks on the areolets.
† Prothorax in front with a short middle keel.
‡ First joint of the rostrum as long as the head. - CYMUS.
‡‡ First joint of the rostrum shorter than the head. - CYMODEMA.
†† Prothorax with no middle keel.
‡ Fore wings with no membrane. - - - ANOMALOPTERA.
‡‡ Fore wings with a membrane.
§ Apical veins of the wing-areolets not petiolated.
× Cheek segments small, linear.
o Rostrum extending to the second ventral segment. OXYCARENUS.
oo Rostrum not extending beyond the middle of the mesopectus. - - - - - BRACHYPLAX.
×× Cheek segments half-round. - - - CAMPTOTELUS.
§§ Apical veins of the wing areolets petiolated.
× Cheek segments broad. - - - - MACROPLAX.
×× Cheek segments not broad, almost semicircular.
o Petioles of the apical veins much shorter than the forks. - - - - - - METOPOPLAX.
oo Petioles of the apical veins as long as the forks.
→ Tarsi stout. - - - - - MICROPLAX.
→→ Tarsi slender. - - - - - MACROPTERNA.

The genera Philomyrmex, of Sahlberg, and Aphanosoma, of Costa, are not indicated by Fieber in his Synopsis, from want of definite information respecting them, and for the same reason they are omitted here.

In this Catalogue the genera of Lygæidæ are arranged as follows:—

A. Antennæ 4-jointed.
a. Fore femora not twice longer than the hind femora.
* Membrane of the fore wings with transverse veins.
† Eyes not petiolated.
‡ Eyes not contracted behind.
§ First joint of the rostrum not in a furrow.
× Fore femora not or hardly thicker than the hind femora.
o Membrane with one basal areolet.
→ First joint of the rostrum extending beyond the base of the head.
→→ First joint of the rostrum longer than the head. - 2. LYGÆUS.
→→→→ First joint of the rostrum as long as the head. - 3. CŒNOCORIS.
→→ First joint of the rostrum not extending beyond the base of the head.
→→ Fore femora unarmed.
ᔓ Antennæ longer than the body. - - - 9. MALCUS.
ᔓᔓ Antennæ not longer than the body.
+ Third and fourth veins of the membrane united near the base. - - - - 4. AROCATUS.
++ Third and fourth veins of the membrane parallel to each other. - - - - 7. NYSIUS.

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++++ Fore femora spiny beneath. - - - 5. ORSILLUS.
++++++ Fore femora unidentate beneath. - - 6. BETONOCHILUS.
oo Membrane with two or more basal areolets.
-+ Corium with two areolets on the hind border. - 8. HETEROGASTER.
-+-+ Corium with no areolets on the hind border. - 11. LETHÆUS.
×× Fore femora much thicker than the hind femora, with many spines beneath. - - - 10. TERACRIUS.
§§ First joint of the rostrum in a furrow. - - 29. EUGISTUS.
‡‡ Eyes contracted behind. - - - - 22. TETRALACCUS.
†† Eyes petiolated, or nearly so.
‡ Rostrum not extending beyond the hind coxæ.
§ Ocelli approximate. - - - - 1. ASTACOPS.
§§ Ocelli far apart. - - - - - 30. HENESTARIS.
‡‡ Rostrum extending beyond the hind coxæ. - 38. ANISOCORIS.
** Membrane of the fore wings with no transverse veins.
† Head not elongated hindward.
‡ First joint of the antennæ shorter than the head.
§ Fore femora spiny beneath.
× Abdomen not very narrow.
o Body not flat.
-+ All the legs with distinct spines.
++ Head not attenuated in front. - - - 14. MICROTOMA.
++++ Head attenuated in front. - - - 32. LARYNGODES.
-+-+ Fore legs and middle legs with few spines.
++ Prothorax not straitened in the middle.
ᔓ Fore wings not rudimentary.
+ Abdomen much straitened at the base. - - 31. CATTARUS.
+-+ Abdomen not straitened at the base. - 13. RHYPAROCHROMUS.
ᔓᔓ Fore wings rudimentary. - - - 15. PTEROTMELUS.
++++ Prothorax straitened in the middle. - - 17. PLOCIOMERUS.
oo Body flat.
-+ Fore legs very thick. - - - - 19. GASTRODES.
-+-+ Fore legs not very thick. - - - 16. PLINTHISUS.
×× Abdomen very narrow. - - - - 20. OXYCARENUS.
§§ Fore femora not spiny.
× Head very broad. - - - 24. OPHTHALMICUS.
×× Head not broad.
o Abdomen narrower than the fore wings.
-+ Pectus not furrowed.
++ Fore wings with a membrane.
ᔓ Second joint of the antennæ longer than the third. Membrane with five veins.
+ Eyes not very prominent. - - - 25. CYMUS.
+-+ Eyes very prominent. - - - - 27. NINUS.
ᔓᔓ Second joint of the antennæ shorter than the third. Membrane with four veins. - - 26. CYMODEMA.
++++ Fore wings with no membrane. - - 28. ANOMALOPTERA.
-+-+ Pectus deeply furrowed. - - - 29. CRYPTORHAMPHUS.
oo Abdomen as broad as the fore wings, or broader.

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+	Body elongate. - - - - -	21. ISCHNODEMUS.
→→	Body oval.	
++	First joint of the antennæ nearly as long as the head. - - - - -	12. APHANUS.
++++	First joint of the antennæ very short. - -	23. BLISSUS.
‡	First joint of the antennæ as long as the head.	37. THAUMASTOPUS.
‡‡	First joint of the antennæ longer than the head.	
§	Legs not long. - - - - -	33. ŒDANCALA.
§§	Legs very long. - - - - -	18. ORTHÆA.
††	Head attenuated hindward. - - -	34. MYODOCHA.
b.	Fore femora twice longer than the hind femora.	35. PACHYGRONTHA.
B.	Antennæ 3-jointed. - - - -	36. TRITOMACERA.

Genus 1. ASTACOPS.

Astacops, *Boisd. Voy. Astrol.* ii. 637. *Stal, Hem. Afr.* ii. 125.

1. ASTACOPS AUSTRALIS.

australis, *Boisd. Voy. Astrol.* ii. 637, pl. 11, f. 15.

New Guinea.

2. ASTACOPS DORYCUS.

Dorycus, *Boisd. Voy. Astrol.* ii. 638, pl. 11, f. 16.

Luteus scutello nigro, pedibus elytrisque rubris.

Var. β.?—Testaceous. Eyes, rostrum and scutellum black. Antennæ and legs reddish. Abdomen beneath with three broad abbreviated black bands. Corium blackish towards the tip. Membrane blackish, pale cinereous towards the tip. *Var.* γ.?—Like *var.* β. Scutellum testaceous. Abdomen black. Corium straw-colour, red along the exterior border. *Var.* δ.—Like *var.* β. Hind femora mostly black. Corium luteous. Membrane dark brown, blackish at the base. *Var.* ε.—Like *var.* δ. Hind femora pale. Membrane pale brown.

a. New Guinea. From Mr. Wallace's collection.
b. Aru. From Mr. Wallace's collection.
c. Ké. From Mr. Wallace's collection.
d. Ké. Presented by W. W. Saunders, Esq.
e. New Guinea. Presented by W. W. Saunders, Esq.

3. ASTACOPS AFZELII.

Afzelii, *Stal, Hem. Afr.* ii. 125.

Sierra Leone.

4. ASTACOPS PLAGIATA.

plagiata, *Stal. A. S. E. F.* 4*me Sér.* v. 186.

Var. β.? Luteous. Scutellum and dorsum of the abdomen black. Abdomen beneath with three abbreviated black bands. Corium black at

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the tip. Membrane cinereous. This may be a *var.* of A. Fieberi, supposing that A. Fieberi and A. plagiata are two distinct species. *Var.* γ.?—Red. Prothorax with a broad black band along the fore border. Scutellum, pectus and abdomen black, the latter beneath with two broad pale testaceous stripes. Membrane brown, cinereous towards the tip. *Var.* δ.?—Luteous, like *var.* γ. Corium black towards the tip. *Var.* ε.—Red, testaceous beneath. Scutellum black. Corium testaceous, black at the base and towards the tip. *Var.* ζ.—Like *var.* ε. Corium pale at the base. *Var.* η.—Luteous. Prothorax towards the hind border, scutellum, pectus and corium black, the latter with a broad black middle band. Membrane brown. *Var.* θ.—Like *var.* η. Prothorax wholly black.

a, *b*. Celebes. Presented by W. W. Saunders, Esq.
c. Flores. Presented by W. W. Saunders, Esq.
d. Gilolo. Presented by W. W. Saunders, Esq.
e. Wagiou. Presented by W. W. Saunders, Esq.
f. Aru. Presented by W. W. Saunders, Esq.
g. New Guinea. Presented by W. W. Saunders, Esq.
h, *i*. New Guinea. From Mr. Wallace's collection.
j. Aru. From Mr. Wallace's collection.
k, *l*. Mysol. From Mr. Wallace's collection.
m, *n*. Salwatty. From Mr. Wallace's collection.

5. Astacops Fieberi.

Fieberi, *Stal*, *A. S. E. F.* 4*me Sér.* v. 187.

Var. β.—Reddish, pale yellow beneath. Rostrum black, reddish at the base. Mesopectus and metapectus bordered with black. Abdomen black above; under side with three abbreviated black bands. Legs red; femora black at the base. Membrane brown. *Var.* γ.—Like *var.* β. Mesopectus and metapectus not bordered with black. Femora not black at the base. Corium towards the tip with a black costal line. *Var.* δ.—Like *var.* γ. Hind femora black, pale at the base and at the tip. Corium with no black line. *Var.* ε.—Like *var.* δ. Corium black, reddish towards the base. *Var.* ζ.—Like *var.* δ. Corium black towards the tip.

a. Ceram. Presented by W. W. Saunders, Esq.
b. Sula. Presented by W. W. Saunders, Esq.
c. Flores. Presented by W. W. Saunders, Esq.
d. Amboina. Presented by W. W. Saunders, Esq.
e—*h*. Aru. Presented by W. W. Saunders, Esq.
i. Wagiou. Presented by W. W. Saunders, Esq.
j—*l*. Aru. From Mr. Wallace's collection.
m. Mysol. From Mr. Wallace's collection.
n. Salwatty. From Mr. Wallace's collection.

6. Astacops nigripes.

nigripes, *Stal*, *Berl. Ent. Zeit.* x. 163.

Manilla.

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7. Astacops villicus.

villicus, *Stal, Berl. Ent. Zeit.* x. 164.
New Guinea.

8. Astacops nugax.

nugax, *Stal, Berl. Ent. Zeit.* x. 164.
New Guinea.

9. Astacops anticus.

Mas. *Niger, capite prothoracisque fascia antica rufis; prothoracis sulcus transversus valde determinatus; membrana nigricans.* Var. β. *—Scutellum rufum.* Var. γ.—*Prothorax rufus, antice niger.*

Male. Black. Head and a broad band along the fore border of the prothorax and of the propectus bright red. Antennæ as long as the body; third joint a little shorter than the second and than the fourth. Prothorax with a deep transverse furrow. Membrane and hind wings blackish. *Var.* β.—Scutellum red. *Var.* γ.—Prothorax red, black in front of the transverse furrow. This may be another species. Length of the body 3½ lines.

a—c. Celebes. Presented by W. W. Saunders, Esq.
d. Ké. Presented by W. W. Saunders, Esq.
e, f. Aru. Presented by W. W. Saunders, Esq.
g. Wagiou. Presented by W. W. Saunders, Esq.
h. Flores. Presented by W. W. Saunders, Esq.
i. Aru. From Mr. Wallace's collection.
j. New Guinea. From Mr. Wallace's collection.

10. Astacops delineatus.

Fœm. *Sordide luteus, subtus testaceus, prothoracis fascia media scutello femoribusque nigris; corium fuscum, luteo venosum; membrana obscure fusca.* Var. β. *Femora quatuor anteriora lutea.*

Female. Dull luteous, testaceous beneath. Eyes prominent, not petiolated. Third and fourth joints of the antennæ shorter than the second. Prothorax with a black middle band. Scutellum black. Femora black; four anterior femora occasionally luteous. Corium brown; veins luteous. Membrane dark brown. Length of the body 5—5½ lines.

Very nearly allied to A. Dorycus, and may be a variety of that species.

a, b. New Guinea. Presented by W. W. Saunders, Esq.
c. New Guinea. From Mr. Wallace's collection.
d. Wagiou. Presented by W. W. Saunders, Esq.

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11. ASTACOPS SPINIPES.

Mas. *Luteus, subtus testaceus, prothoracis fascia media scutello femoribus intermediis subtus femoribusque posticis nigris; femora quatuor posteriora spinosa; membrana nigricans.* Var. β.—*Prothorax niger, antice luteus; corium nigricante nebulosum; membrana nigra.*

Male. Luteous, testaceous beneath. Eyes very prominent, not petiolated. Third and fourth joints of the antennæ much shorter than the second. Prothorax with a black middle band. Scutellum black. Four posterior femora armed with spines beneath; middle femora black beneath; hind femora wholly black. Membrane blackish. *Var.* β.—Prothorax wholly black except towards the fore border. Corium clouded with blackish. Membrane black. Length of the body 5 lines.

a. New Guinea. Presented by W. W. Saunders, Esq.
b. Aru. From Mr. Wallace's collection.

12. ASTACOPS NIGRICORNIS.

Mas. *Niger; oculi rufi; prothorax et abdomen rufo bivittata; abdominis dorsum rufum; venter apicem versus rufus; corium nigricans, costa apiceque rufis.*

Male. Black. Eyes red, moderately prominent. Third joint of the antennæ shorter than the second and than the fourth. Prothorax and abdomen with a red stripe along each side; this stripe is dilated on the prothorax and especially so on the transverse furrow. Abdomen bright red above and towards the tip beneath. Corium blackish, red along the costa and towards the tip. Membrane black. Length of the body 6 lines.

a. Timor. Presented by W. W. Saunders, Esq.

13. ASTACOPS DEGEERI.

Degeeri, *Stal, A. S. E. F.* 4*me Sér.* v. 187.

North Australia.

14. ASTACOPS? CALIGATUS.

Mas. *Rufus, fere linearis, subtus albido tomentosus; caput supra nigrum, lobo intermedio angusto carinato; oculi prominuli; rostrum nigrum, coxas posticas paullo superans; antennæ nigræ, corporis dimidio multo longiores; prothorax margine antico lateribusque rufis; pedes nigri; alæ antice nigræ, corii margine rufo, membrana apice albida.*

Male. Red, narrow, nearly linear, with whitish tomentum beneath. Head black above, short; middle lobe narrow, keeled. Eyes prominent. Rostrum black, extending a little beyond the hind coxæ. Antennæ black, much more than half the length of the body; first joint much shorter than the head; second much more than twice the length ot the first; third very much shorter than the second; fourth as long as the third. Prothorax black, subquadrate; a slight transverse ridge near the fore border, which

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like the sides is red. Legs black, moderately long and slender. Wings extending to the tip of the abdomen. Fore wings black; corium red along the interior border and along the exterior border; membrane whitish at the tip. Length of the body 4 lines.

a. Australia. Presented by the Entomological Club.

Genus 2. LYGÆUS, *C. H.* 533.

Apterola, Mulsant and Rey, and Lygæodon, Puton, are included in Lygæus.

Prof. Stal has divided Lygæus into the following subgenera:—

A. Scutellum very tumid, with a deep longitudinal keel. - - - - - AULACOPELTUS.

B. Scutellum smooth or slightly tumid, with no furrow.

a. Hind border of the prothorax broadly bent; scutellum more or less tumid. - - - ONCOPELTUS.

b. Hind border of the prothorax truncate. Scutellum flat; seldom slightly convex hindward.

* Fourth joint of the antennæ much longer than the second. - - - - - STALAGMOSTETHUS.

** Second and fourth joints of the antennæ about equal in length, or the latter a little shorter than the former.

† Prothorax with a keel extending to the fore border. - - - - - MELANOSPILUS.

†† Prothorax with no keel or with one not extending to the fore border.

‡ Metastethium obliquely truncate hindward; hind angles acute, with rounded tips.

§ Antennæ and rostrum long, the former shorter by a third than the body. - - - PYRRHOSAPHUS.

§§ Antennæ and rostrum of moderate length; the former shorter by about half than the body.

× First joint of the rostrum extending distinctly beyond the tip of the prostethium. - - - GRAPTOSTETHUS.

×× First joint of the rostrum extending to or hardly beyond the tip of the prostethium. - - LYGÆOSOMA.

‡‡ Hind angles of the metastethium about straight or obtuse, rounded at the tips.

§ Head beneath or at least with the bucculi black, these very seldom narrowly reddish-bordered.

× Furrow from the odoriferous apertures slight, sometimes obsolete, its borders not or very slightly tumid, their tips not connected. - SPILOSTETHUS.

×× Furrow from the odoriferous apertures distinct, its borders distinctly tumid, their tips connected.

o Outer border of the corium slightly rounded in the middle or behind the middle. - - GRAPTOLOMUS.

oo Outer border of the corium straight. - - MELANOSTETHUS.

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§§ Head beneath red or yellowish, or at least with the bucculi wholly pale.
× Prothorax in front depressed, or slightly concave; sides slightly rounded in the middle. - MICROSPILUS
×× Prothorax not depressed in front; sides almost wholly straight, or a little rounded near the hind border.
o Scutellum rather convex hindward; a slight longitudinal keel only close to the tip. - - MELANORYTHRUS
oo Scutellum with a distinct obtuse keel, extending from the tip to the middle or beyond the latter. - - - - - LYGÆUS.

De Mayr has divided Lygæus into the following sections:—

1. Rostrum extending to the hind border of the third ventral segment, Prothorax not emarginate behind. Scutellum even. Femora unarmed. 1. leucurus, *Fabr.*
2. Rostrum extending to the second ventral segment. Prothorax impressed near the fore border, without any transverse middle impression; sides prominent; hind border more or less emarginate. Scutellum with elevated sides. Femora unarmed. 1. fasciatus, *Dall.* 2. aulicus, *Fabr.* 3. varicolor, *Fabr.* 4. unifasciatus, *Hahn.* 5. castaneipes, *Dall.* 6. Amboinensis, *Mayr.*
3. Rostrum extending to the hind border of the pectus. Prothorax as in Sect. 2, hardly emarginate behind. Scutellum nearly even, with a middle keel. Femora unarmed. 1. familiaris, *Fabr.*
4. Rostrum extending to the fore border of the second ventral segment. Prothorax somewhat even; hind border straight. Scutellum even, with a middle keel. Femora unarmed. 1. apicalis, *Dall.* 2. elatus, *Stal.* 3. pulchellus, *Fabr.* 4. pallidocinctus, *Stal.* 5. xanthostaurus, *H.-Sch.* 6. Poeyi, *Guér.*
5. Rostrum extending to the middle coxæ or to the hind coxæ. Prothorax almost even; sides not or but little prominent. Scutellum even, keeled, with two transverse impressions. Femora unarmed. 1. apuans, *Rossi.* 2. equestris, *Linn.* 3. tineicus, *Fabr.* 4. albostillatus, *Stal.* 5. maculicollis, *Germ.* 6. servus, *Fabr.*
6. Rostrum extending to the base of the abdomen. Prothorax with a transverse ridge in front, with a longitudinal keel hindward; sides and hind border straight. Scutellum deeply keeled. Femora unarmed. 1. fulvipes, *Dall.*
7. Rostrum extending to the middle of the hind pectus. Prothorax with a transverse impression in the middle or a little before the middle, and with a slight transverse ridge in front; sides prominent. Scutellum even, keeled, with two impressions. Femora of the male denticulated, excepting those of L. pacificus. 1. militaris, *Fabr.* 2. crudelis, *Fabr.* 3. saxatilis, *Scop.* 4. hospes, *Fabr.* 5. pacificus, *Boisd.* 6. mundus, *Dall.* 7. Fairmairei, *Sgnt.*
8. Rostrum extending to the middle of the hind pectus. Head distinctly tumid near the antenniferous tubercles. Prothorax almost even, with a slight keel more slanting in front. Scutellum even, keeled. Femora unidenticulate, or with a few minute teeth. 1. longulus, *Dall.*

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Europe, North Africa and West Asia.

1. Lygæus equestris, *C. H.* 539.

L. (Graptolomus) equestris, *Stal, Hem. Fabr.* i. 75.

a. England.
b, c. Europe. From Mr. Children's collection.
d—l. Italy.
m. Bagdad. Presented by W. K. Loftus, Esq.
n, o. Europe. Presented by W. W. Saunders, Esq.
p, q. Japan. From Mr. Stevens' collection.

2. Lygæus militaris, *C. H.* 541.

L. (Spilostethus) militaris, *Stal, Hem. Fabr.* 275.

a. South Europe. Presented by R. M'Andrew, Esq.
b. Spain. Presented by Major Parry.
c. Crete. Presented by W. W. Saunders, Esq.
d. Madeira. Presented by T. V. Wollaston, Esq.
e—h. Madeira. From Mr. Wollaston's collection.
i. Teneriffe.
j. Germany.
k. Italy.
l. Malta.
m. Africa. Presented by J. D. Jebbs, Esq.
n. Canaries. Presented by W. W. Saunders, Esq.
o. Gambia. Presented by W. W. Saunders, Esq.
p. Guinea. Presented by W. W. Saunders, Esq.
q. Mauritius. From Dr. Beke's collection.
r, s. Bagdad. Presented by W. K. Loftus, Esq.
t, u. North Hindostan. Presented by W. W. Saunders, Esq.
v. Hindostan. Presented by J. C. Bowring, Esq.
w. Hindostan. From the Entomological Society's collection.
x. North Bengal. From Lieut. Campbell's collection.

3. Lygæus familiaris, *C. H*, 544.

venustus, *Boeb. H.-Sch. Nom.* 58—L. (Melanospilus) venustus, *Stal, Hem. Fabr.* ii. 75.

a. England.
b. France. Presented by F. Walker, Esq.
c. France.
c. Versailles.

4. Lygæus criticus.

criticus, *Lucas, Rev. et Mag. Zool.* 1854, 280. *Fieb. Eur. Hem.* 165—L. (Graptolomus) criticus, *Stal, Hem. Fabr.* ii. 57.

Syria. Isles of Greece.

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5. Lygæus apuans.

Cimex apuans, *Rossi*, *Fn. Etr. Mant.* 54—Lygæus punctum, *C. H.* 545—Lygæus apuans, *Fieb. Eur. Hem.* 165—L. (Graptolomus) apuans, *Stal*, *Hem. Fabr.* i. 75.

a. Devonshire. Presented by Mr. Templer.
b. Geneva. Presented by M. Goureau.
c, *d*. South France.
e, *f*. Italy.
g, *h*. France. Presented by W. W. Saunders, Esq.

6. Lygæus maculicollis.

maculicollis, *Germ. Ahr. Faun. Eur.* 24, 16. *Fieb. Eur. Hem.* 165—rubricosus, *Stal*, *Ofv. K. V. Ak. Forh.* 1854, 235—L. (Graptostethus) maculicollis, *Stal*, *Hem. Fabr.* i. 75.

Dalmatia. Sicily. Spain.

7. Lygæus saxatilis, *C. H.* 544.

L. (Spilostethus) saxatilis, *Stal*, *Hem. Fabr.* i. 75.

a. Switzerland. Presented by Dr. Dowler.
b, *c*. Switzerland. Presented by W. W. Saunders, Esq.
d—*j*. Europe. From Mr. Children's collection.
k. Italy.
l—*p*. ——— ? Presented by W. W. Saunders, Esq.

8. Lygæus punctatoguttatus, *C. H.* 547.

a. Teneriffe.
b. France. Presented by W. W. Saunders, Esq.
c—*m*. Jersey. Presented by F. Walker, Esq.
n—*z*. Madeira. From Mr. Wollaston's collection.

9. Lygæus bisbipunctatus.

bisbipunctatus, *Costa*, *Ann. Mus. Zool. Nap.* ii. 106.

Piedmont.

10. Lygæus pedestris.

pedestris, *Stal*, *Berl. Ent. Zeit.* x. 162.

Sicily. Tunis.

11. Lygæus sexmaculatus.

sexmaculatus, *Garbiglietti*, *Bull. Soc. Ent. Ital.* i. 112.

Sardinia.

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12. Lygæus Kunekelli.

Apterola Kunekelli, *Muls. and Rey, Ann. Soc. Linn. Lyon.* xiii. 368; xiv. 390.

Spain.

13. Lygæus Tristrami.

Lygæosoma Tristrami, *Douglas and Scott, Ent. M. Mag.* v. 31.

Palestine.

14. Lygæus Marmottani.

Lygæodon Marmottani, *Puton, A. S. E. F.* 4me *Sér.* ix. 139.

Algerian Sahara.

North America.

15. Lygæus fasciatus, *C. H.* 538.

a. United States. From Mr. Dyson's collection.
b. East Florida. Presented by E. Doubleday, Esq.
c. East Florida, Presented by W. W. Saunders, Esq.
d—g. United States. Presented by F. Walker, Esq.
h—j. Mexico. Presented by E. P. Coffin, Esq.
k—m. Mexico. From M. Hartweg's collection.
n. St. Domingo. Presented by W. W. Saunders, Esq.
o. Cayenne. Presented by W. W. Saunders, Esq.
p. Columbia. From M. Goudot's collection.
q. British Guiana. Presented by Sir R. Schomburgk.
r, s. Demerara. Presented by Fredk. Moore, Esq.

16. Lygæus reclivatus, *C. H.* 541.

bipunctulus, *H.-Sch. Wanz. Ins.* ix. 195.

a—f. North America. From Mr. Children's collection.
g, h. California. From M. Hartweg's collection.
i—q. North America. Presented by F. Walker, Esq.
r, s. Rio Janeiro. Presented by the Rev. H. Clark.
t. Lake Huron. From Dr. Bigsby's collection.
u. Mexico. Presented by W. W. Saunders, Esq.
v. ——— ? Presented by W. W. Saunders, Esq.

17. Lygæus trimaculatus, *C. H.* 543.

a, b. North America. From Mr. Children's collection.

18. Lygæus lineola, *C. H.* 549.

a. St. John's Bluff, East Florida. Presented by E. Doubleday, Esq.

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19. Lygæus turcicus.

Lygæus turcicus, *Fabr. Syst. Rhyn.* 218—Lygæus (Graptolomus) turcicus, *Stal, Hem. Fabr.* i. 73.

Dr. Mayr states that this species is identical with L. costalis.

a. Connecticut. Presented by F. Walker, Esq.

20. Lygæus bicrucis.

bicrucis, *Say*.

a. Florida. Presented by F. Walker, Esq.
b. Cayenne. Presented by W. W. Saunders, Esq.

21. Lygæus costalis, *C. H.* 541.

a, *b*. Mexico. Presented by E. P. Coffin, Esq.
c. Mexico. Presented by W. W. Saunders, Esq.
d. Orizaba. From M. Sallé's collection.
e. Orizaba. Presented by F. Walker, Esq.
f. North America. Presented by F. Walker, Esq.
h. Oajaca. From M. Sallé's collection.

22. Lygæus analis, *C. H.* 540.

a. North America. Presented by F. Walker, Esq.

23. Lygæus gutta, *C. H.* 539.

Mexico.

a. Jamaica. From Mr. Children's collection.
b, *c*. St. Domingo. From Mr. Tweedie's collection.
d. Honduras. Presented by W. W. Saunders, Esq.
e, *f*. North America. Presented by F. Walker, Esq.

24, Lygæus flavo-marginellus.

flavo-marginellus, *Stal, Eug. Resa*, 241—bitransversus, *Sgnt. A. S. E. F.* 3*me Sér.* viii. 947.

California. Mexico.

25. Lygæus Californicus.

Mas. *Niger, fusiformis; antennæ corporis dimidio multo longiores; prothorax vitta antice abbreviata lateribus margineque postico rufis; abdominis latera rufa; corium rufo marginatum; membrana nigricans.*

Male. Black, fusiform. Eyes piceous, slightly prominent. Rostrum red at the base, extending to the hind coxæ. Antennæ much more than half the length of the body; first joint much shorter than the head; second more than twice the length of the first; third shorter than the second; fourth as long as the third. Prothorax with a red stripe not extending to the fore border, with red sides, with a more narrow red hind border; a

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transverse callus on each side near the fore border. Abdomen red along each side. Coxæ red. Corium of the fore wings narrowly bordered with red; membrane blackish. Length of the body 4 lines.

a. California. Presented by F. Walker, Esq.

Mexico.

26. Lygæus varicolor, *C. H.* 538.

a. Mexico. From M. Hartweg's collection.
b—*d*. Oajaca. From M. Sallé's collection.
e, *f*. Orizaba. From M. Sallé's collection.
g. Columbia. From M. Goudot's collection.
h, *i*. Venezuela. From Mr. Dyson's collection.
j. Venezuela. From Mr. Birschell's collection.
k, *l*. St. Domingo. From Mr. Tweedie's collection.
m. Brazil. From Mr. Children's collection.
n. Brazil. From Mr. Mornay's collection.
o. Brazil. Presented by W. W. Saunders, Esq.
p—*u*. Rio Janeiro. Presented by the Rev. H. Clark.
v. Petropolis. Presented by the Rev. H. Clark.

27. Lygæus alternans, *C. H.* 539.

a. Mexico. Presented by E. P. Coffin, Esq.
b. Mexico. Presented by W. W. Saunders, Esq.

28. Lygæus unifasciatus, *C. H.* 539.

a. Mexico. Presented by the Entomological Club.
b. Jamaica. From Mr. Gosse's collection.
c. Venezuela. From Mr. Dyson's collection.
d. British Guiana. Presented by Sir R. Schomburgk.
e. Rio Janeiro. Presented by J. P. G. Smith, Esq.
f, *g*. Rio Janeiro. Presented by the Rev. H. Clark.
h—*j*. Rio Janeiro. Presented by J. Gray, Esq.
k—*m*. Rio Janeiro. Presented by A. Fry, Esq.

29. Lygæus elatus.

elatus, *Stal*, *Stett. Ent. Zeit.* xxiii. 308.

Mexico.

30. Lygæus truculentus.

truculentus, *Stal*, *Stett. Ent. Zeit.* xxiii. 308.

a, *b*. Orizaba. From M. Sallé's collection.
c. Venezuela. From Mr. Dyson's collection.

31. Lygæus trux.

trux, *Stal*, *Stett. Ent. Zeit.* xxiii. 308.

Mexico.

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32. Lygæus ruficeps.
ruficeps, *Stall. Stett. Ent. Zeit.* xxiii. 309.
Mexico.

33. Lygæus circumlitus.
circumlitus, *Stal, Stett. Ent. Zeit.* xxiii. 309.
Mexico.

34. Lygæus rubriger.
rubriger, *Stal, Stett. Ent. Zeit.* xxiii. 309.
Mexico.

35. Lygæus thoracicus.
thoracicus, *Stall, Stett. Ent. Zeit.* xxiii. 309.
Mexico.

36. Lygæus vittiscutis.
vittiscutis, *Stal, Stett. Ent. Zeit.* xxiii. 310.
Mexico.

37. Lygæus pallescens.
pallescens, *Stal, Stett. Ent. Zeit.* xxiii. 310.
Mexico.

38. Lygæus pallidocinctus.
pallidocinctus, *Stal, Stett. Ent. Zeit.* xxiii. 310.
Mexico.

39. Lygæus brevicollis.
brevicollis, *Stal, Stett. Ent. Zeit.* xxiii. 311.
Mexico.

40. Lygæus Tullus.
Tullus, *Stal, Stett. Ent. Zeit.* xxiii. 311.
Mexico.

41. Lygæus lateralis, *C. H.* 550.
a, *b*. Mexico. Presented by E. P. Coffin, Esq.

42. Lygæus Poeyi, *C. H.* 550.
Mexico.
a—*c*. Cuba. Presented by M. Guérin-Méneville.

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43. Lygæus marginellus, *C. H.* 548.

Mexico?

a. Venezuela. From Mr. Dyson's collection.

44. Lygæus vicinus, *C. H.* 549.

Mexico?

a. Columbia. From M. Goudot's collection.

45. Lygæus marginalis.

Mas. *Niger, fusiformis, cinereo tomentosus; caput subtus testaceo biguttatum; rostrum segmentum 2um ventrale attingens; antennæ corpore breviores; prothorax coccineo postice bivittatus; venter lateribus apiceque coccineis.*

Male. Black, fusiform, with cinereous tomentum beneath. Head red at the base of the rostrum, with a testaceous dot beneath on the inner side of each eye. Eyes red, slightly prominent. Rostrum extending to the second ventral segment. Antennæ shorter than the body; first joint very short; second much longer than the third; fourth shorter than the third. Prothorax with a strongly marked transverse furrow near the fore border, a crimson stripe along each side between the furrow and the hind border. Abdomen crimson at the tip beneath and along each side. Length of the body 4½ lines.

a, *b*. Oajaca. From M. Sallé's collection.

46. Lygæus dimidiatus.

Fœm. *Niger, fere linearis, cinereo subtomentosus; rostrum coxas intermedias attingens; antennæ corporis dimidio breviores; abdomen et corium rufa, illius apice nigro.*

Female. Black, nearly linear, with slight cinereous tomentum. Head moderately large. Eyes slightly prominent. Two ocelli far apart, very near the hind border. Rostrum extending to the middle coxæ. Antennæ much less than half the length of the body; first joint very short; second much longer than the third, a little longer than the fourth. Abdomen except at the tip and corium of the fore wings red. Length of the body 5 lines.

a. Oajaca. From M. Sallé's collection.

West Indies.

47. Lygæus aulicus, *C H.* 538.

Lygæus (Oncopeltus) aulicus, *Stal, Hem. Fabr.* i. 70.

a—c. Brazil. From Mr. Children's collection.
d. Jamaica. Presented by W. W. Saunders, Esq.

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48. LYGÆUS QUADRIGUTTATUS, *C. H.* 539.

a. Venezuela. From Mr. Dyson's collection.
b, *c*. St. Domingo. From Mr. Tweedie's collection.
d, *e*. St. Domingo. Presented by W. W. Saunders, Esq.

49. LYGÆUS COLLARIS, *C. H.* 549.

a—*c*. Jamaica. From Mr. Children's collection.

50. LYGÆUS PULCHELLUS, *C. H.* 549.

a, *b*. Jamaica. From Mr. Children's collection.
c. Jamaica. From Mr. Gosse's collection.
d. St. Domingo. From Mr. Tweedie's collection.

51. LYGÆUS ANTICUS.

Mas et fœm. *Rufus, capitis et prothoracis discis nonnunquam rostro antennis pedibus alisque nigris; rostrum segmentum lum ventrale attingens; antennæ corporis dimidio longiores; scutellum nonnunquam nigrum; pectus nonnunquam ex parte nigricans; coxæ rufæ.*

Male and female. Bright red. Disk of the head and that of the prothorax occasionally black. Head rather large, with an ocellus on each side near the hind border and with two longitudinal furrows on the front. Eyes slightly prominent. Rostrum black, extending to the first ventral segment. Antennæ black, much more than half the length of the body; third joint a little shorter than the second; fourth as long as the second. Prothorax with a slight middle longitudinal keel; hind border straight. Scutellum occasionally black. Pectus partly and occasionally blackish. Legs black, slender; coxæ red. Fore wings black. Length of the body 3½—5 lines.

a, *b*. St. Domingo. From Mr. Tweedie's collection.
c—*n*. St. Thomas. Presented by Lieut. T. W. Sawyer, R.N.R. "A great pest in the island; its attack on individuals produces great pain, frequently producing fever."—*Sawyer, MS.*

52. LYGÆUS TURCICUS, *C. H.* 540.

a, *b*. Columbia. From M. Goudot's collection.

53. LYGÆUS VARIEGATUS, *C. H.* 539.

a. Para. From Mr. Bates' collection.

54. LYGÆUS XANTHOSTAURUS, *C. H.* 550.

a. Brazil. From Mr. Children's collection.
b, *c*. Brazil.
d. Cayenne. Presented by W. W. Saunders, Esq.

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55. Lygæus striatus.

Coreus striatus, *Fabr. Syst. Rhyn.* 201—Lygæus striatus, *Stal, Hem. Fabr.* i. 71.

South America.

56. Lygæus bicolor.

Lygæus bicolor, *H.-Sch. Wanz. Ins.* ix. 195.

Brazil.

57. Lygæus conspersus.

Mas. *Cervinus, nigro punctatus; caput et thorax luteo unilineata; caput rufo bivittatum; antennæ nigræ, corpore breviores; prothorax rufo bivittatus.*

Male. Fawn-colour. Head, thorax and fore wings with numerous black points of various size. Head and thorax with a slight luteous line. Under side luteous, with red points. Head with a red stripe on each side. Eyes red. Antennæ black, shorter than the body; first joint about half the length of the head, which is much shorter than the second joint; third shorter than the second; fourth a little longer than the third. Prothorax with a transverse furrow near the fore border and with a red stripe on each side. Legs black. Length of the body 4—4¼ lines.

Allied to L. Poeyi in structure.

a, b. Rio Janeiro. Presented by the Rev. H. Clark.

58. Lygæus albostillatus.

albostillatus, *Stal, Rio Jan. Hem.* 37.

Rio Janeiro.

59. Lygæus rubescens.

rubescens, *Stal, Rio Jan. Hem.* 37.

Rio Janeiro.

60. Lygæus modestus.

modestus, *Stal, Rio Jan. Hem.* 38.

Rio Janeiro.

61. Lygæus limbatipennis.

limbatipennis, *Stal, Rio Jan. Hem.* 38.

Rio Janeiro.

62. Lygæus pallipes.

pallipes, *Stal, Rio Jan. Hem.* 38.

Rio Janeiro.

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63. LYGÆUS OBSOLETUS.

obsoletus, *Stal, Rio Jan. Hem.* 38.

Rio Janeiro.

64. LYGÆUS LUCTUOSUS.

luctuosus, *Stal, Berl. Ent. Zeit.* x. 162.

N. Brazil.

65. LYGÆUS COXALIS.

coxalis, *Stal, Rio Jan. Hem.* 38.

Var.? Fœm. *Niger, longi-ellipticus; caput rufescente bimaculatum, subtus album; rostrum fulvum, coxas intermedias attingens; antennæ corporis dimidio paullo longiores; prothorax cinereo unilineatus, rufo bivittatus; femora basi alba; corium rufo uninotatum; membrana atra, apice alba.*

Female. Black, elongate-elliptical. Head short, triangular; white beneath, a reddish spot on each side adjoining the eye. Eyes slightly prominent. Rostrum tawny, extending to the middle coxæ. Antennæ a little more than half the length of the body; first joint much shorter than the head; second about twice the length of the first; third shorter than the second; fourth as long as the second. Prothorax and scutellum with a cinereous line. Prothorax short, narrower in front; a transverse furrow near the fore border; a broad red stripe on each side, not extending to the fore border. Legs slender; femora white towards the base. Corium of the fore wings with a small red mark at the base of the costa; membrane deep black, white at the tip. Length of the body 3¾ lines.

a. Petropolis. Presented by J. Gray, Esq.

66. LYGÆUS CIRCUMSEPTUS.

circumseptus, *Stal, Berl. Ent. Zeit.* x. 162.

Columbia.

67. LYGÆUS CINCTIPENNIS.

cinctipennis, *Stal, Rio Jan. Hem.* 38.

Rio Janeiro.

68. LYGÆUS MAURUS.

maurus, *Stal, Rio Jan. Hem.* 38.

Var.? Mas. et fœm. *Niger, latiusculus, fere linearis, testaceo unilineatus; caput flavescens, subtus album; rostrum coxas posticas paullo superans; antennæ corporis dimidio longiores, articulus 2o 3o 4oque basi flavo-albis; prothorax transverse subsulcatus; femora basi flavo-alba; corii costa testaceo lineata; membrana atra, apice diaphana.*

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Male and female. Dull black, rather broad, nearly linear. Head short, small, yellowish white beneath. Eyes slightly prominent. Rostrum extending a little beyond the hind coxæ; fourth joint a little shorter than the third. Antennæ slender, more than half the length of the body; first joint much shorter than the head; second, third and fourth yellowish white at the base; second more than twice the length of the first; third much shorter than the second; fourth a little longer than the third. Prothorax and scutellum with a slight testaceous line. Prothorax with a slight transverse furrow. Legs black, shining, slender; femora yellowish white towards the base. Wings extending to the tip of the abdomen. Corium of the fore wings with a testaceous costal line; membrane deep black, pellucid at the tip. Length of the body 2½—3½ lines.

a, *b*. Petropolis. Presented by the Rev. H. Clark.
c. Constancia. Presented by J. Gray, Esq.

69. LYGÆUS COGNATUS.

Fœm. *Niger; prothorax coccineo marginatus et univittatus; pectoris et ventris segmenta albo marginata; venter rufus, apicem versus niger; alæ anticæ albo marginatæ.*

Female. Black. Prothorax wholly bordered with crimson, and having a narrow crimson stripe. Pectoral and ventral segments narrowly bordered with white. Abdomen red beneath, except towards the tip. Corium and membrane of the fore wings wholly and narrowly bordered with white. Length of the body 4 lines.

Nearly allied to L. pulchellus and to L. pallidocinctus.

a. Santarem. From Mr. Bates' collection.

70. LYGÆUS INÆQUALIS.

Mas. *Luteus, capite subtus rostro antennis prothoracis fascia lata angulosa scutelli disco pectore pedibusque nigris; caput maculis duabus posticis lituraque antica trifurcata nigris; antennarum articuli 2us, 3us et 4us subæquales; venter vittis tribus macularibus apiceque nigris; corii striga lata costalis macula discalis membranaque nigræ.*

turcicus, *C. H.* 540.

Male. Luteous. Head with a large black spot on the inner side of each eye, and in front with a trifurcate black mark which extends hindward; under side black. Rostrum, antennæ, pectus, legs, three rows of spots on the under side of the abdomen and tip of the latter black. Rostrum extending to the hind coxæ. Antennæ setulose, shorter than the body; first joint nearly half the length of the head; second, third and fourth nearly equal in length, each longer than the head. Prothorax black, with a broad zigzag luteous band, which extends over part of the pectus. Disk of the scutellum black. Corium of the fore wings with a broad black costal streak connected with a discal spot; membrane black. Length of the body 4 lines.

a. Columbia. From M. Goudot's collection.

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71. Lygæus miles.

miles, *Blanch. Faun. Chil.* 142—*Sgnt. A. S. E. F.* 4*me Sér.* iii. 562.

Chili.

72. Lygæus albo-ornatus.

albo-ornatus, *Blanch. Faun. Chil.* 143, pl. 2, f. 6—*Sgnt. A. S. E. F.* 4*me Sér.* iii. 562.

Chili.

Africa and Madagascar.

Most of the African species are thus distinguished by Prof. Stal:—

A. Scutellum convex. Hind border of the prothorax more or less depressed and widened on each side.
a. Scutellum very convex, with a deep longitudinal furrow. - - - - - excavatus.
b. Scutellum slightly convex, not furrowed. - famelicus.
B. Scutellum flat. Hind border of the prothorax straight.
a. Prothorax with a longitudinal keel, which extends to the fore border. - - sternalis.
b. Prothorax with no keel, or with a very slight one, which does not extend to the fore border.
* Body above grayish, or reddish yellow.
† Hind angles of the metasthedium straight; hind border slightly rounded.
‡ Membrane white, with a brown spot. - - contaminatus.
‡‡ Membrane brown; inner basal angle whitish. - proximus.
†† Hind angles of the metasthedium elongated, acute.
‡ Femora black. - - - - apicalis.
‡‡ Femora mostly red. - - - - rufifemoratus.
** Body above black, varied with red or with yellow.
† Thorax and pectus not wholly black.
‡ Third joint of the antennæ wholly black.
§ Pectus red, or black varied with red. Hind border of the metasthedium always black.
× Clavus red; the commissural border only black.
×× Clavus red, more or less broadly black at the suture.
o Scutellum black, very seldom indistinctly red at the extreme tip.
+ Clavus with no hinder black spot.
++ Head black.
ω Head with a little red hind stripe. - - crudelis.
ωω Head with a forked red stripe. - - rivularis.

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ooooo Head with a black hind spot; antenniferous tubercles black on the outer side.
++++ Head red, with a black middle lobe, and with two black hind spots. - - - tæniatus.
-+-+ Clavus with a hinder black spot.
++ Prothorax with no pale spots. - - - militaris.
++++ Prothorax with two pale spots. - - elegans.
oo Scutellum black, red at the tip.
-+ Body of the usual breadth. - - - festivus.
-+-+ Body unusually narrow.
++ Sides of the prothorax bent in front. - - longulus.
++++ Sides of the prothorax straight in front. - Mimus.
§§ Pectus black or red; hind borders of the segments white or red.
× Pectus black; hind borders of the segments white.
o Antennæ black. - - - - concinnus.
oo Antennæ tawny. - - - - fulvipes.
×× Pectus almost wholly, or at least with the hind borders of the segments, red or yellowish red.
o Pectus pale, with a few black dots.
-+ Interior basal angle of the membrane not whitish. - - - - - delicatulus.
-+-+ Interior basal angle of the membrane whitish. villosulus.
oo Pectus black; hind borders of all the segments and fore border of the prosthedium red.
-+ Body red, varied with black.
++ Membrane with no whitish spot. - - servus.
++++ Membrane with a whitish spot. - - unimaculatus.
-+-+ Body black, varied with red. - - - fasciativentris.
‡‡ Third joint of the antennæ pale towards the tip. discoidalis.
†† Thorax and pectus wholly black.
‡ Membrane with no whitish spot. - - bipartitus.
‡‡ Membrane with a whitish spot. - - marginatus.

73. Lygæus contaminatus, *C. H.* 533.

L. (Microspilus) contaminatus, *Stal, Hem. Fabr.* i. 75.

a, b. Cape. From M. Drégé's collection.

74. Lygæus fasciativentris.

fasciativentris, *Stal, Ofv. K. V. Ak. Forh.* 1859, 316.

Lake N'Gami.

75. Lygæus proximus, *C. H.* 534.

——— *Stoll, Pun.* 162, f. 293—Stollianus, *Stal, Ofv. K. V. Ak. Forh.* 1858, 440—L. (Microspilus) proximus, *Stal, Hem. Fabr.* i. 75.

a, b. Natal. From Dr. Kauss' collection.

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76. Lygæus apicalis, *C. H.* 534.

Microbasis ? rufiventris, *Stal, Ofv. K. V. Ak. Fork.* 1855, 185—L. apicalis, *Stal, Hem. Afr.* ii. 129.

Sierra Leone. Senegal.

a. Gambia. From Mr. Shuckard's collection.

77. Lygæus rufifemoratus, *C. H.* 534.

Pyrrhocoris transversus, *Sgnt. Arch. Ent.* ii. 306—L. (Graptostethus) rufifemoratus, *Stal, Hem. Fabr.* i. 75.

Guinea. Grand Bassam.

a. Sierra Leone. Presented by the Rev. D. F. Morgan.

78. Lygæus furcatus, *C. H.* 535.

L. convergens, *C. H.* 535—Fairmarii, *Sgnt. A. S. E. F.* 3*me Sér.* viii. 946—L. (Stalagmostethus) furcatus, *Stal, Hem. Fabr.* i. 72.

Madagascar. Guinea. Senegal.

a. Gambia. From Mr. Rendall's collection.
b. Natal. From M. Gueinzius' collection.
c. ———? Presented by W. W. Saunders, Esq.

79. Lygæus fulvipes, *C. H.* 536.

a. Egypt. Presented by Sir G. Wilkinson.
b. Egypt. From Mr. Children's collection.

80. Lygæus jucundus, *C. H.* 537.

a. South Africa. Presented by the Earl of Derby, in 1843.
b. South Africa. Presented by Sir A. Smith.

81. Lygæus famelicus, *C. H.* 537.

L. (Oncopeltus) famelicus, *Stal, Hem. Fabr.* i. 75.

a, *b*. Sierra Leone. Presented by the Rev. D. F. Morgan.
c. Sierra Leone. From Mr. Foxcroft's collection.
d—*g*. Interior of South Africa. Presented by the Earl of Derby in 1843.
h. Interior of South Africa. Presented by Sir A. Smith.
i. Cape. From M. Drégé's collection.
j. Natal. From M. Gueinzius' collection.
k. West Africa. Presented by W. W. Saunders, Esq.
l. Madagascar. From Madame Ida Pfeiffer's collection.

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82. LYGÆUS ELEGANS, *C. H.* 541.

L. (Spilostethus) elegans, *Stal, Hem. Fabr.* i. 75.

a—e. Interior of South Africa. Presented by the Earl of Derby in 1843.
f. Interior of South Africa. Presented by Sir A. Smith.
g. Interior of South Africa. From Mr. Children's collection.
h. Cape. From M. Drégé's collection.
i. South Africa. From Mr. Vigors' collection.

83. LYGÆUS CRUDELIS, *C. H.* 542.

L. (Spilostethus) crudelis, *Stal, Hem. Fabr.* i. 75.

a—c. Interior of South Africa. Presented by the Earl of Derby in 1843.
d. Interior of South Africa. From Mr. Children's collection.
e. Cape. From M. Drégé s collection.
f. Gambia. From Mr. Rendall's collection.
g, h. Gambia. Presented by W. W. Saunders, Esq.

84. LYGÆUS TRILINEATUS.

trilineatus, *Fabr. Ent. Syst.* iv. 157; *Syst. Rhyn.* 223—*H.-Sch. Wanz. Ins.* ix. 198; *Stal, Hem. Afr.* ii. 132—mundus, *C. H.* 542—lemniscatus, *Stal, Ofv. K. V. Ak. Forh.* 1855, 32—L. (Spilostethus) trilineatus, *Stal, Hem. Fabr.* i. 75.

a. Cape. From M. Drégé's collection.

85. LYGÆUS CONCINNUS, *C. H.* 542.

a, b. Cape. From M. Drégé's collection.

86. LYGÆUS FESTIVUS.

festivus, *Thunb. Hem. rostr. Cap.* iv. 3; *Stal, Hem. Afr.* ii. 135—furcula, *C. H.* 543—spinipes, *Sgnt. A. S. E. F.* 3*me Sér.* viii. 946—L. (Spilostethus) festivus, *Stal, Hem. Fabr.* i. 75.

a. Sierra Leone. Presented by the Rev. D. F. Morgan.
b. Natal. From M. Gueinzius' collection.
c. Cape. Presented by W. W. Saunders, Esq.

87. LYGÆUS LONGULUS, *C. H.* 545.

L. (Spilostethus) longulus, *Stal, Hem. Fabr.* i. 75.

a. Egypt. Presented by Sir G. Wilkinson.

88. LYGÆUS STERNALIS, *C. H.* 546.

occipitalis, *Fairm. Arch. Ent.* ii. 305.

Sierra Leone. Calabar.

a, b. West Africa. From Mr. Fraser's collection.

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89. Lygæus servus, *C. H.* 547.

incomptus, *H.-Sch.*—L. (Graptostethus) servus, *Stal, Hem. Fabr.* i. 75.

a. Sierra Leone. Presented by the Rev. D. F. Morgan.
b, *c.* Gambia. Presented by W. W. Saunders, Esq.
d. West Africa. Presented by W. W. Saunders, Esq.
e. North Bengal. From Lieut. Campbell's collection.
f. Philippine Isles. From Mr. Cuming's collection.
g. Australia. Presented by Sir F. Richardson.

90. Lygæus marginatus.

marginatus, *Thunb. Hem. rostr. Cap.* iv. 2; *Stal, Hem. Afr.* ii. 141—melanurus, *C. H.* 548—L. (Melanostethus) marginatus, *Stal, Hem. Fabr.* i. 75.

a. South Africa. Presented by Sir A. Smith.
b. Cape. From M. Drégé's collection.

91. Lygæus excavatus.

Cimex excavatus, *Fabr. Sp. Ins.* ii. 365; *Mant. Ins.* ii, 301—Lygæus excavatus, *Fabr. Ent. Syst.* iv. 160; *Syst. Rhyn.* 226; *Stal, Hem. Afr.* ii. 126—L. (Aulacopeltus) excavatus, *Stal, Hem. Fabr.* i. 75.

Equinoctial Africa.

92. Lygæus rivularis.

rivularis, *Germ. Silb. Rev. Ent.* v. 141; *Stal, Hem. Afr.* ii. 132—fecialis, *Stal, Ofv. K. V. Ak. Forh.* 1855, 32—L. (Spilostethus) rivularis, *Stal, Hem. Fabr.* i. 75.

Cape Caffraria.

93. Lygæus Mimus.

Mimus, *Stal, Hem. Afr.* ii. 136—L. (Spilostethus) Mimus, *Stal, Hem. Fabr.* i. 75.

Nubia. Senegal.

94. Lygæus tæniatus.

tæniatus, *Stal, Hem. Afr.* ii. 133—S. (Spilostethus) tæniatus, *Stal, Hem. Fabr.* i. 75.

Cape.

95. Lygæus delicatulus.

delicatulus, *Stal, Ofv. K. V. Ak. Forh.* 1855, 32. *Hem. Afr.* ii. 138.

Cape Caffraria.

96. Lygæus villosulus.

villosulus, *Stal, Ofv. K. V. Ak. Forh.* 1855, 32. *Hem. Afr.* ii. 139—L. (Lygæosoma) villosulus, *Stal, Hem. Fabr.* i. 75.

Caffraria.

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97. LYGÆUS FASCIATIVENTRIS.

fasciativentris, *Stal, Ofv. K. V. Ak. Forh.* 1858, 316—L. (Graptostethus) fasciativentris, *Stal, Hem. Fabr.* i. 75.

Region of the Lake N'Gami.

98. LYGÆUS UNIMACULATUS.

unimaculatus, *Sgnt. A. S. E. F.* 3*me Sér.* viii. 947. *Stal, Hem. Afr.* ii. 140—L. (Graptostethus) unimaculatus, *Stal, Hem. Fabr.* i. 75.

Madagascar.

99. LYGÆUS DISCOIDALIS.

discoidalis, *Sgnt. A. S. E. F.* 3*me Sér.* viii. 947, pl. 14, f. 2. *Hem. Afr.* ii. 141.

Madagascar.

100. LYGÆUS BIPARTITUS.

bipartitus, *Sgnt. A. S. E. F.* 3*me Sér.* viii. 947; *Stal, Hem. Afr.* ii. 141.

Madagascar.

101. LYGÆUS CONSENTANEUS.

consentaneus, *Walk. Proc. Zool. Soc. Lond.* 1863, 167.

a—e. Madagascar. Presented by F. Walker, Esq.

102. LYGÆUS MARGINIFER.

Fœm. *Læte rufus, capitis vertice margineque postico rostro antennis segmentorum pectoralium marginibus posticis abdominisque maculis lateralibus nigris; prothorax guttis tribus anticis nigris approximatis; corii gutta discalis, striga costalis, striga postica membranaque nigræ.*

Female. Bright red. Tip and hind border of the head, eyes, rostrum, antennæ, legs, scutellum, hind borders of the pectoral segments and elongated lateral spots of the abdominal segments black. Rostrum extending to the hind coxæ. Antennæ hardly more than half the length of the body; second joint much longer than the third; fourth longer than the third. Prothorax with two approximate black dots on the transverse furrow near the fore border. Corium of the fore wings with a black dot in the disk, with a black costal streak and with a black streak near the interior border; membrane black. Length of the body 5 lines.

a. Madagascar. From Madame Ida Pfeiffer's collection.

103. LYGÆUS ANGULIFER.

Mas. *Læte rufus, capitis striga antica rostro antennis scutello segmentorum pectoralium marginibus posticis ventris vittis quatuor macularibus pedibusque nigris; prothorax vittis duabus angustis lateralibus, vittis duabus interioribus latioribus fasciaque antica abbreviata nigris; corii linea costalis, striga postica fascia angulosa membranaque nigræ.*

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Male. Bright red. A black streak on the fore part of the head, eyes, rostrum, antennæ, scutellum, hind borders of the pectoral segments, legs and four rows of spots on the under side of the abdomen black. Rostrum extending to the hind coxæ. Second joint of the antennæ longer than the third, nearly twice the length of the first. Prothorax with two narrow lateral black stripes on the fore part and with two interior broader irregular black stripes, which are straitened in front, where they are connected with an abbreviated black band on the transverse furrow. Fore wings with a black costal line and with a black streak near the interior border, this streak connected with a middle zigzag black band; membrane black. Length of the body 6 lines.

a. Madagascar. From Madame Ida Pfeiffer's collection.

104. Lygæus leucospilus.

leucospilus, *Walk. Zool. 2nd Ser.* 2378.

Tajura.

South Asia and the Eastern Isles.

105. Lygæus nigriceps, *C. H.* 537.

a. Hindostan. From Mr. Children's collection.

106. Lygæus hospes, *C. H.* 544.

a, *b*. Bombay. Presented by Sir W. Elliott.
c. China. Presented by G. T. Lay, Esq.
d, *e*. Hindostan. Presented by W. W. Saunders, Esq.
f, *g*. Ceylon. Presented by Dr. Templeton.

107. Lygæus argentatus, *C. H.* 545.

L. (Graptostethus) argentatus, *Stal, Hem. Fabr.* 74.

a. Ceylon. Presented by Dr Templeton.
b. Ceylon. From Mr. Janson's collection.
c. Birmah. Presented by W. W. Saunders, Esq.
d, *e*. ———? Presented by W. W. Saunders, Esq.

108. Lygæus maculatus, *C. H.* 545.

a. Hindostan. From Archdeacon Clerk's collection.
b. N. Hindostan. From Capt. Boys' collection.

109. Lygæus pacificus, *C. H.* 544.

L. (Spilostethus) pacificus, *Stal, Hem. Fabr.* i. 75.

a. Hindostan. Presented by Major-Gen. Hardwicke.
b. Australia. Presented by Sir J. Richardson.
c. Tasmania. Presented by Sir J. Richardson.
d. Swan River. Presented by Sir J. Richardson.
e. Tasmania. Presented by R. Butler, Esq.
f. Australia. Presented by the Entomological Club.

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g. New Zealand. Presented by Dr. Sinclair.
h—*k*. Tasmania. Presented by W. W. Saunders, Esq.
l, *m*. Port Philip. Presented by W. W. Saunders, Esq.
n. Java. From the East India Company's collection.
o—*r*. New Guinea. Presented by W. W. Saunders, Esq.
s, *t*. Celebes. Presented by W. W. Saunders, Esq.
u. S. Australia. Presented by R. Bakewell, Esq.
v. Sumatra. From Sir Stamford Raffles' collection.

110. Lygæus bipunctatus, *C. H.* 547.

L. (Lygæosoma) bipunctatus, *Stal, Hem. Fabr.* i. 75.

a, *b*. Hindostan. From Mr. Wooley's collection.
c. North Hindostan. Presented by W. W. Saunders, Esq.

111. Lygæus guttiger, *C. H.* 547.

a. North Bengal. From Lieut. Campbell's collection.
b. ———? Presented by W. W. Saunders, Esq.

112. Lygæus mendicus.

Cimex mendicus, *Fabr. Syst. Ent.* 720; *Sp. Ins.* ii. 365; *Mant. Ins.* ii. 300—Lygæus mendicus, *Fabr. Ent. Syst.* iv. 156; *Syst. Rhyn.* 223—L. (Graptostethus) mendicus, *Stal, Hem. Fabr.* ii. 74.

Hindostan.

113. Lygæus familiaris.

Cimex familiaris, *Fabr. Sp. Ins.* ii. 363; *Mant. Ins.* ii. 298—Lygæus familiaris, *Fabr. Ent. Syst.* iv. 149; *Syst. Rhyn.* 219—Lygæus hospes, *Fabr. Ent. Syst.* iv. 150; *Syst. Rhyn.* 219. *Stal, Hem. Afr.* ii. 136—Lygæus (Spilostethus) familiaris, *Stal. Hem. Fabr.* i. 72.

Hindostan.

114. Lygæus sericans.

sericans, *Stal, Eug. Resa*, 240.

Hong Kong.

115. Lygæus leucurus, *C. H.* 535.

L. (Pyrrhobaphus) leucurus, *Stal, Hem. Fabr.* i. 75.

a—*c*. Philippine Isles. From Mr. Cuming's collection.
d. Ceylon. From Dr. Thwaites' collection.
e. Lombok. Presented by W. W. Saunders, Esq.
f. Lombok. From Mr. Wallace's collection.
g. ———? Presented by the Entomological Club.

116. Lygæus inæqualis.

Mas et fœm. *Rufus, rostro antennis pectore ventris disco pedibus membranaque nigris; caput strigis duabus anticis maculisque duabus posticis vittaque triangulari nigris; prothorax fascia antica fascia postica interrupta maculisque duabus intermediis nigris; corium vitta lata angulata nigra; membrana albido marginata.*

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Male and female. Bright red, with cinereous tomentum beneath. Rostrum, antennæ, legs and disk of the under side of the abdomen black. Head with a black streak on the tip and with a black spot on each side of the hind border, or with a black triangular stripe. Rostrum extending to the hind coxæ. Antennæ much shorter than the body; second joint much longer than the third; fourth as long as the second. Prothorax with two black bands (the hinder one interrupted) and with an intermediate black spot on each side. Pectus mostly black. Corium of the fore wings with a broad angular black stripe, which is parallel to the interior border and to the exterior border; membrane black, with a whitish border. Length of the body 4½—4¾ lines.

Allied to S. Manillensis, but does not agree with the description of that species.

a, *b*. Silhet. Presented by J. C. Bowring, Esq.
c, *d*. Hindostan. Presented by W. W. Saunders, Esq.

117. Lygæus semirubes.

Mas. *Niger, cinereo pubescens, prothoracis angulis posticis scutello corii apice margineque exteriore rufis; oculi rufo marginati; antennæ corporis dimidio paullo longiores.*

Male. Black, with cinereous pubescence. Head red about the eyes, which are slightly prominent. Rostrum extending to the hind coxæ. Antennæ a little more than half the length of the body; second joint about twice the length of the first; third shorter than the second; fourth a little longer than the third. Prothorax with a very indistinct transverse furrow; hind angles and scutellum red. Corium of the fore wings red at the tip and along the exterior border. Length of the body 4½ lines.

a. Hindostan. From the Entomological Society's collection.

118. Lygæus Japonicus.

Fœm. *Obscure niger, fusiformis; capitis lobus intermedius porrectus; antennæ corporis dimidio paullo longiores; prothoracis latera picea, subrotundata, subreflexa; femora antica incrassata, unidentata; tibiæ anticæ subtus subserratæ; corium piceum; membrana cinerea.*

Female. Black, dull, fusiform. Head triangular; middle lobes prominent. Eyes not prominent. Rostrum extending to the hind coxæ. Antennæ a little more than half the length of the body; first joint much shorter than the head; second much longer than the first; third very little shorter than the second; fourth as long as the third. Prothorax a little narrower in front; sides piceous, slightly rounded and reflexed. Legs moderately long; fore femora incrassated, unidentate beneath near the tip; fore tibiæ minutely serrated beneath. Wings extending to the tip of the abdomen. Corium of the fore wings piceous; membrane cinereous. Hind wings pellucid. Length of the body 4 lines.

a. Japan. From Mr. Stevens' collection.

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119. Lygæus fimbriatus, *C. H.* 546.

a. Java. From the collection of the East India Company.
b. Java.
c. Bali. Presented by W. W. Saunders, Esq.

120. Lygæus amboinensis.

amboinensis, *Mayr, Verh. Zool. Bot. Gesell. Wien.* xv. 435.

Amboina.

121. Lygæus Manillensis.

Manillensis, *Stul, Eug. Resa*, 240—L. (Graptostethus) Manillensis, *Stal, Hem. Fabr.* i. 75.

Manilla.

122. Lygæus? squalidus.

squalidus, *Mrtz. A. S. E. F.* 4*me Sér.* i. 66.

Lifu.

123. Lygæus? bicinctus.

bicinctus, *Mrtz. A. S. E. F.* 4*me Sér.* i. 67.

Lifu.

124. Lygæus diffusus.

Mas et fœm. *Niger; caput supra rufum, striga antica margineque postico nigris; prothorax rufus, fascia antica plagisque duabus posticis nigris; scutellum apice rufum; pectoris segmenta albo marginata, stigmatibus atris; abdomen rufo marginatum; corium rufum, nigro oblique fasciatum; membrana atra, albo marginata.* Var. β.— *Prothoracis plagæ fasciaque connexæ; corium non fasciatum, margine exteriore albido.*

Male and female. Black. Head red; hind border above, under side and a black streak on the vertex black. Rostrum extending to the hind coxæ. Antennæ a little more than half the length of the body; first joint nearly half the length of the head; third much shorter than the second; fourth a little shorter than the second. Prothorax red, with a black band near the fore border and with a large black patch on each side near the hind border. Scutellum red at the tip. Hind borders of the pectoral segments white; stigmata deep black. Abdomen bordered with red. Corium of the fore wings red, with an oblique black band in the middle; membrane deep black, bordered with white. *Var.* β.—The patches of the prothorax connected with its band. Corium wholly red, excepting the whitish exterior border. Length of the body 4 lines.

a. Celebes. From Mr. Wallace's collection.
b. Celebes. Presented by W. W. Saunders, Esq.
c. Flores. Presented by W. W. Saunders, Esq.

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125. Lygæus dispar.

Mas et fœm. *Niger; antennarum articuli 2us et 4us æquales; prothorax rufus, antice niger; pectus rufo varium; venter basi lateribus rufis; corium apicem versus rufum; membrana puncto basali albo.* Var. β.—*Membrana gutta transversa discali alba.* Var. γ.—*Corium rufum.* Var. δ.—*Prothorax niger, rufo bimaculatus; corium rufum, nigro late fasciatum.*

Male and female. Black. Rostrum extending to the hind coxæ. Antennæ a little shorter than the body; first joint much shorter than the head; second much longer than the third; fourth as long as the second. Prothorax red except towards the fore border. Pectus partly red. Abdomen red beneath towards the base and along each side. Corium of the fore wings red towards the tip; membrane with a white point at the base. *Var.* β.—Membrane with a transverse white dot in the disk. *Var.* γ.—Like Var. β. Corium wholly red. *Var.* δ.—Prothorax black, with a large red spot on each side. Corium red, with a broad black middle band. Length of the body 4—6 lines.

a. Batchian. From Mr. Wallace's collection.
b, *c*. Mysol. From Mr. Wallace's collection.
d, *e*. Mysol. Presented by W. W. Saunders, Esq.
f. New Guinea. From Mr. Wallace's collection.
g, *h*. New Guinea. Presented by W. W. Saunders, Esq.
i. Batchian. Presented by W. W. Saunders, Esq.
j. Kaisaa. Presented by W. W. Saunders, Esq.
k. Gilolo. Presented by W. W. Saunders, Esq.
l. Borneo. Presented by W. W. Saunders, Esq.

126. Lygæus longiusculus.

Mas. *Rufus, sat angustus, rostro antennis pedibus corioque nigris; rostrum segmentum 1um ventrale superans; antennarum articulus 4us 2o multo longior; membrana apice sordide albida.*

Male. Bright red, rather narrow. Rostrum, antennæ, legs and corium of the fore wings black. Rostrum extending beyond the hind border of the first ventral segment. Antennæ much more than half the length of the body; third joint a little shorter than the second; fourth much longer than the second. Membrane dingy whitish at the tip. Length of the body 5 lines.

a. Celebes. Presented by W. W. Saunders, Esq.

127. Lygæus concisus.

Mas. *Ater; caput subtus luteum; prothorax antice luteo late marginatus, lateribus tenuiter luteis; pectoris et ventris segmenta luteo marginata; abdominis latera lutea; corium vitta angulata basi apiceque dilatata lutea; membrana luteo tenuiter marginata.*

Male. Deep black. Head luteous beneath. Rostrum extending to the hind coxæ. Antennæ almost half the length of the body; first joint

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more than half the length of the head; second much longer than the third; fourth a little shorter than the second. Prothorax broadly luteous along the fore border, narrowly luteous along each side. Pectoral and ventral segments with luteous hind borders. Abdomen luteous along each side. Corium of the fore wings with an angular luteous stripe along the interior border and along the exterior border, this stripe dilated at the base and at the tip; membrane narrowly bordered with luteous. Length of the body 5 lines.

a. Lombok. Presented by W. W. Saunders, Esq.

128. Lygæus dissimilis.

Mas. *Niger; caput parvum, postice contractum, antice coarctatum; antennarum articuli 2us et 4us basi flavi; prothorax postice luteo marginatus; scutellum lateribus apiceque luteis; ventris discus, femora basi tibiæ tarsique lutea; corium costa strigaque subobliqua luteis; membrana fusca, albo marginata.*

Male. Black. Head small, contracted hindward; vertex prominent, straitened. Antennæ a little more than half the length of the body; first joint about half the length of the head; second and fourth joints yellow towards the base, each more than twice the length of the third. Prothorax luteous along the hind border; each side forming a slight rim. Scutellum luteous on each side and at the tip. Abdomen beneath with a luteous disk. Legs luteous; femora black except at the base. Corium of the fore wings luteous along the costa and with a slightly oblique luteous streak extending from the base of the costa; membrane brown, bordered with white. Length of the body 5 lines.

a. Sarawak. Presented by W. W. Saunders, Esq.

Australia.

129. Lygæus castaneipes, *C. H.* 536.

a. Australia. Presented by Sir J. Richardson.

130. Lygæus innotatus, *C. H.* 537.

a. Australia. Presented by J. Hunter, Esq.

131. Lygæus sordidus, *C. H.* 536.

a. New South Wales. Presented by W. W. Saunders, Esq.
b, *c*. ——— ?

132. Lygæus decoratus.

decoratus, *Stal*, *Berl*, *Ent. Zeit.* x. 162.
North Australia.

133. Lygæus cardinalis.

cardinalis, *Stal*, *Berl. Ent. Zeit.* x. 163.
North Australia.

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134. Lygæus mactans.

mactans, *Stal, Berl. Ent. Zeit.* x. 162.

North Australia.

135. Lygæus augur.

augur, *Stal, A. S. E. F. 4me Sér.* v. 187.

Moreton Bay.

136. Lygæus contiguus.

Mas. *Ater; caput nitens, antice fulvum; prothorax rufo bimaculatus; segmenta pectoralia luteo marginata; scutellum, abdomen et corium lutea; venter apicem versus nigro plagiatum; membrana gutta discali transversa alba.*

Male. Deep black. Head shining, tawny in front. Rostrum extending to the hind coxæ. Antennæ much more than half the length of the body; first joint about half the length of the head; third shorter than the second; fourth hardly longer than the third. Prothorax with a red spot on each side near the fore border. Scutellum, hind borders of the pectoral segments, abdomen and corium luteous. Abdomen with a large black patch beneath towards the tip. Membrane with a transverse white dot before the middle. Length of the body 6 lines.

Nearly allied to L. leucurus.

a. Moreton Bay. From Mr. Diggles' collection.

137. Lygæus subjectus.

Mas et fœm. *Luteus, capite rostro antennis prothorace scutello pedibusque nigris; rostrum segmentum 1um ventrale attingens; prothorax antice luteus; venter guttis quatuor subapicalibus apiceque nigris; corium rufum, striga costali nigra; membrana nigricans.*

Male and female. Luteous. Head, rostrum, antennæ, prothorax except the fore part, scutellum and legs black. Rostrum extending to the hind border of the first ventral segment. Antennæ a little more than half the length of the body; third joint shorter than the second. Abdomen beneath with two black dots near the tip, which is also black. Corium of the fore wings red, with a black costal streak which is broadest near its tip; membrane blackish. Length of the body 4—4½ lines.

a, *b*. Australia.

138. Lygæus divisus.

Mas. *Niger; caput supra rufum, vertice maculisque duabus posticis nigris; venter rufus, apicem versus niger; corium rufum; membrana macula transversa alba.*

Male. Black. Head above bright red; tip black; a black spot on each side of the hind border between the eyes. Rostrum extending to the hind coxæ. Antennæ about half the length of the body; first joint a little more than half the length of the head; third shorter than the second.

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Abdomen red beneath except towards the tip, the black part occupying more space on each side than in the middle. Corium of the fore wings red; membrane black, with a transverse white spot near the base. Length of the body 4 lines.

Allied to L. innotatus.

a. New South Wales. Presented by W. W. Saunders, Esq.

139. Lygæus ruficeps.

Mas et fœm. *Rufus, rostro antennis prothorace pectore abdominis apice pedibusque nigris; prothorax postice rufo bimaculatus; corium fascia media nigra apud costam extus dilatata; membrana nigra, maculis tribus margineque tenui alisque posticis albis.*

Male and female. Bright red. Rostrum, antennæ, prothorax, pectus, tip of the abdomen and legs black. Rostrum extending to the hind coxæ. Antennæ about half the length of the body; first joint sometimes red, about half the length of the head; third and fourth about equal in length, each much shorter than the second. Prothorax with a large red spot on each side of the hind border. Corium of the fore wings with a black middle band, which is dilated on the outer side along the costa; membrane black, narrowly bordered with white, with a white spot in the disk and with two white spots adjoining the corium. Hind wings white. Length of the body 4 lines.

The entirely red head of this species and the red spot on each side of the prothorax distinguish it from L. mactans.

a. Australia. From Mr. Damel's collection.
b—f. ——— ?

140. Lygæus singularis.

Mas. *Rufus, capite supra rostro antennis prothorace scutello abdominis apice pedibusque nigris; rostrum segmentum 1um ventrale attingens; prothorax antice rufus; venter guttis quatuor subapicalibus nigris; corium vitta costali abbreviata nigra; membrana nigricans; alæ posticæ fuscæ.*

Male. Bright red. Head above, rostrum, antennæ, prothorax except the fore part, scutellum, tip of the abdomen and legs black. Rostrum extending to the first ventral segment. Antennæ more than half the length of the body; first joint half the length of the head; third and fourth about equal in length, each much shorter than the second. Abdomen beneath with two black dots beneath on each side near the tip. Corium of the fore wings with a black abbreviated costal stripe; membrane blackish. Hind wings brown. Length of the body 4 lines.

It may be a remarkable variety of L. ruficeps.

a. Australia. From Mr. Damel's collection.

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141. LYGÆUS MUTILATUS.

mutilatus, *Erichs. Wieg. Arch.* viii. 279.

Tasmania.

Oceania.

142. LYGÆUS BUFICOLLIS.

Mas. *Niger, fere linearis, subtus rufus; rostrum coxas posticas paullo superans; antennæ corpore multo breviores; prothorax antice rufo fasciatus; membrana nigro-cinerea.*

Male. Black, nearly linear, red beneath, with cinereous tomentum. Head short, triangular. Eyes rather prominent. Rostrum extending a little beyond the hind coxæ. Antennæ much shorter than the body; first joint less than half the length of the head; second more than thrice the length of the first; third much shorter than the second; fourth a little longer than the third. Prothorax with a red band occupying the space between the well-defined transverse furrow and the fore border. Legs slender, moderately long. Membrane of the fore wings blackish cinereous. Length of the body 3½ lines.

a. New Zealand. Presented by Col. Bolton.

143. LYGÆUS MAORICUS.

Fœm. *Niger, longi-ellipticus; rostrum coxas posticas attingens; antennæ corpore multo breviores; prothorax rufo biguttatus, sulco transverso indeterminato; scutellum carinatum, apice rufescens; corium macula subapicali rufa; membrana albo triguttata.*

Female. Black, elongate-elliptical. Head triangular. Eyes not prominent. Rostrum extending to the hind coxæ. Antennæ much shorter than the body; third joint much shorter than the second. Prothorax with a very slight transverse furrow and with a red dot in the disk near each side. Scutellum keeled; tip reddish. Legs moderately long and stout. Wings extending nearly to the tip of the abdomen. Corium of the fore wings with a red subapical spot; membrane with a white dot at the base of the interior border, with a smaller dot near the base of the costa, and with a larger white dot in the disk. Length of the body 4 lines.

a. Isle of Pines. Presented by the Admiralty.

Country unknown.

144. LYGÆUS VERTICALIS, *C. H.* 548.

a. ——— ?

145. LYGÆUS INCERTUS.

Mas. *Rufus, capitis maculis duabus posticis rostro antennis scutello abdominis apice pedibus membranaque nigris; rostrum segmentum 1um ventrale attingens; prothorax postice nigro fasciatus; pectoris stigmata nigra.*

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Male. Bright red. Head with a transverse black spot on the hind border. Rostrum, antennæ, scutellum, tip of the abdomen and legs black. Rostrum extending to the first ventral segment. Antennæ more than half the length of the body; first joint about half the length of the head; second longer than the fourth, much longer than the third. Prothorax with a broad abbreviated black band along the hind border. Pectus with black stigmata. Fore wings with a black membrane. Length of the body 4 lines.

a. ——— ? From Mr. Vigors' collection.

Fossil.

146. Lygæus fossitius.

fossitius, *Heyden, Fos. Ins. Braunkohle, Sieblos,* pl. 23, f. 17.

147. Lygæus deprehensus.

deprehensus, *Heyden, Fos. Ins. Br. Sieb.* pl. 3, f. 18.

Genus 3. CÆNOCORIS.

Cænocoris, *Fieb. Eur. Hem.* 166.

1. Cænocoris Nerii.

Lygæus Nerii, *Germ. Faun. Eur.* 24, 17—Cænocoris Nerii, *Fieb. Eur. Hem.* 166.

South Europe.

2. Cænocoris Nicobarensis.

Nicobarensis, *Mayr, Verh. Zool. Bot. Ges. Wien.* xv. 436.

Sambelong.

3. Cænocoris sanguinarius.

sanguinarius, *Stal, Ofv. K. V. Ak. Forh.* 1870, 660.

Philippine Isles.

4. Cænocoris inermipes.

inermipes, *Stal, Ofv. K. V. Ak. Forh.* 1870, 660.

Philippine Isles.

Genus 4. AROCATUS, *C. H.* 550.

1. Arocatus melanocephalus, *C. H.* 550.

a. Versailles.
b. France.

2. Arocatus pusillus, *C. H.* 550.

a—c. Hindostan. From Mr. Wooley's collection.

Genus 5. ORSILLUS, *C. H.* 551.

Mecorhamphus, *Fieb. Eur. Hem.* 173.

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1. Orsillus depressus, *C. H.* 551.

a. Italy?

2. Orsillus maculatus.

Mecorhamphus maculatus, *Fieb. Eur. Hem.* 173.

South Europe.

Genus 6. BELONOCHILUS.

Belonochilus, *Uhler, Proc. Bost. Soc. Nat. Hist.* 1871.

1. Belonochilus numenius.

Lygæus numenius, *Say, Hem. Het.* 15—Belonochilus numenius, *Uhler, Proc. Bost. Soc. Nat. Hist.* 1871.

United States.

Genus 7. NYSIUS, *C. H.* 551.

Europe and West Asia.

1. Nysius Thymi, *C. H.* 552.

a—c. England. Presented by J. C. Dale, Esq.
d—f. England. Presented by F. Walker, Esq.
g. Alten, Finmark. Presented by F. Walker, Esq.

2. Nysius Senecronis, *C. H.* 553.

Artheneis cymoides, *Spin. Ess.*

a. Europe. From Mr. Children's collection.
b. South France.

3. Nysius Jacobeæ.

Heterogaster Jacobeæ, *Schill. Beit.* 87, pl. 8, f. 2—Pachymerus Fragariæ, *Boh. K. V. Ah. Forh.* 1852, Sp. 4—Nysius Jacobeæ, *Fieb. Eur. Hem.* 168—Lygæus (Nysius) Fragariæ, *Thomson, Opusc. Ent.* ii. 12, 183.

Sweden. Germany.

4. Nysius maculatus.

maculatus, *Fieb. Eur. Hem.* 168.

South Europe.

5. Nysius brunneus.

brunneus, *Fieb. Eur. Hem.* 169.

Austria.

6. Nysius graminicola.

Heterogaster graminicola, *Kolenati, MSS.*—Nysius graminicola, *Fieb. Eur. Hem.* 169.

Caucasus.

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7. NYSIUS FULIGINOSUS.

fuliginosus, *Kunze*, *MSS. Fieb. Eur. Hem.* 170.

Germany.

8. NYSIUS PUNCTIPENNIS.

Lygæus Thymi, *Fall. Hem.* 49—Heterogaster Thymi, *Schill. Beit.* 85, pl. 7, f. 9—Heterogaster punctipennis, *H.-Sch. Wanz. Ins.* i. p. 403 —Nysius punctipennis, *Fieb. Eur. Hem.* 170.

North and Middle Europe.

9. NYSIUS OBSOLETUS.

Heterogaster Thymi, *H.-Sch. Panz. Faun. Germ.* 135, 13—Nysius obsoletus, *Fieb. Eur. Hem.* 170.

Germany.

10. NYSIUS SCOTTI.

Scotti, *E. Saund. Ent. M. Mag.* vi. 1.

England.

11. NYSIUS ALBIDUS.

albidus, *Jakowlew*, *Hor. Soc. Ent. Ross.* iv. 151.

Astrachan.

North America.

12. NYSIUS CALIFORNICUS.

Californicus, *Stal*, *Eug. Resa*, 242.

Tahiti.

West Indies.

13. NYSIUS BASALIS, *C. H.* 553.

a. Jamaica. From Mr. Children's collection.
b. Brazil. From Mr. Children's collection.

14. NYSIUS SCUTELLATUS, *C. H.* 553.

a, *b*. Jamaica. From Mr. Children's collection.

15. NYSIUS JAMAICENSIS, *C. H.* 555.

a—*c*. Jamaica. From Mr. Children's collection.

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South America.

16. Nysius nubilus, *C. H.* 553.

a. Columbia. From M. Goudot's collection.

17. Nysius marginalis, *C. H.* 556.

Galapagos.

18. Nysius angustellus.

Heterogaster angustellus, *Blanch. Faun. Chil.* 153—Nysius angustellus, *Sgnt. A. S. E. F.* 4*me Sér.* iii. 564.

Chili.

19. Nysius irroratus.

Heterogaster irroratus, *Blanch. Faun. Chil.* 154—Nysius irroratus, *Sgnt. A. S. E. F.* 4*me Sér.* iv. 564.

Chili.

20. Nysius ephippiatus.

Heterogaster ephippiatus, *Spin. Faun. Chil.* 154—Nysius ephippiatus, *Sgnt. A. S. E. F.* 4*me Sér.* iii. 564—N. irroratus *var.* ?

Chili.

21. Nysius spurcus.

spurcus, *Stal, Eug. Resa*, 243.

Mexico. Rio Janeiro. Honduras. Tahiti.

22. Nysius pulchellus.

pulchellus, *Stal, Eug. Resa*, 244.

Isle Guam.

23. Nysius simulans.

simulans, *Stal, Eug. Resa*, 244.

Buenos Ayres.

24. Nysius rhyparus.

rhyparus, *Stal, Eug. Resa*, 244.

Valparaiso.

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25. Nysius contiguus.

Testaceus, ellipticus, antice pallido univittatus; rostrum coxas posticas attingens; antennæ luteæ, corporis dimidio æquilongæ, articulis 1o 4oque nigris illo basi luteo; prothorax sulco transverso antico nigro indeterminato; femora et corium nigro punctata; membrana diaphana.

Testaceous, elliptical, shining, finely punctured. Head and fore part of the prothorax with a paler stripe. Head short, triangular. Eyes slightly prominent. Rostrum extending to the hind coxæ. Antennæ luteous, slender, about half the length of the body; first and fourth joints black, stout; first luteous at the base; second very much longer than the first; third a little shorter than the second; fourth fusiform, a little shorter than the third. Prothorax short, much narrower in front; a very slight transverse mostly black furrow near the fore border. Legs slender; femora with some black points. Wings extending to the tip of the abdomen. Corium of the fore wings with some black points; membrane and hind wings pellucid. Length of the body 2 lines.

Nearly allied to N. Thymi.

a—l. Madeira. From Mr. Wollaston's collection.

26. Nysius proximus.

Testaceus, longi-ellipticus; oculi prominuli; antennæ flavæ, corporis dimidio paullo longiores, articulis 1o 4oque nigris; prothoracis sulcus transversus anticus indeterminatus; femora nigro conspersa; membrana diaphana.

Testaceous, elongate-elliptical, shining, finely punctured. Head triangular, a little broader than the fore border of the prothorax. Eyes prominent. Antennæ yellow, slender, a little more than half the length of the body; first and fourth joints black, stout; second much longer than the first; third shorter than the second; fourth fusiform, as long as the third. Prothorax short, narrower in front, with a slight transverse furrow near the fore border. Legs slender; femora with some black speckles. Wings extending to the tip of the abdomen. Corium of the fore wings pale testaceous; membrane and hind wings pellucid. Length of the body 2 lines.

The antennæ are shorter than those of N. Thymi.

a—k. Madeira. From Mr. Wollaston's collection.

27. Nysius mundus.

Fœm. *Niger, ellipticus; antennæ corporis dimidio paullo longiores, articulis 2o 3o 4oque basi flavis; prothorax fascia postica pallide testacea antice excavata; scutellum apice testaceum; pedes testacei, femoribus nigro unifasciatis, femoribus anticis subincrassatis; corium testaceo diaphanum, apice fusco unimaculatum.*

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Female. Black, elliptical, convex, shining, very finely punctured. Head transverse. Eyes slightly prominent. Antennæ slender, a little more than half the length of the body; first joint very short; second, third and fourth yellow at the base; second a little longer than the third and than the fourth. Prothorax short, a little narrower in front, with a pale testaceous band, which is excavated in front and is very near the hind border. Scutellum testaceous at the tip. Legs testaceous, slender, rather short; femora with a black band; fore femora slightly incrassated. Wings extending to the tip of the abdomen. Corium of the fore wings diaphanous, with a testaceous tinge and with a brown apical spot; membrane and hind wings pellucid. Length of the body 1½ line.

a—l. Madeira. From Mr. Wollaston's collection.

South Africa.

28. NYSIUS BINOTATUS, *C. H.* 554.

a. Cape. From M. Drégé's collection.

29. NYSIUS PALLENS, *C. H.* 554.

a—c. Cape. From M. Drégé's collection.

30. NYSIUS ALBIDUS, *C. H.* 555.

a. Sierra Leone. Presented by the Rev. D. F. Morgan.

31. NYSIUS SUBCINCTUS.

Fœm. *Piceus; antennæ pallide testaceæ; prothorax sulco transverso medio valde determinato, fascia posteriore alba interrupta; abdominis latera testacea; pedes testacei, femoribus anticis nigris subincrassatis apice testaceis; corium pallide testaceum, nigro immaculatum; alæ posticæ diaphanæ, lineis clavatis cinereis.*

Female. Piceous, slender, linear. Head short, triangular, broader than the fore border of the prothorax. Eyes rather prominent. Antennæ slender, pale testaceous; first joint shorter than the head; second much longer than the first. Prothorax much narrower in front, with a strongly-marked transverse middle furrow, behind which there is an interrupted white band. Abdomen testaceous along each side. Legs testaceous, slender; fore femora black, slightly incrassated, testaceous at the tips. Wings extending to the tip of the abdomen. Corium of the fore wings pale testaceous, with a black apical spot; membrane and hind wings pellucid, the latter with cinereous lines, which are dilated into apical triangular spots. Length of the body 2 lines.

More slender than N. Thymi.

a. Ceylon. Presented by Dr. Thwaites.

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32. NYSIUS PALLIPENNIS.

Testaceus, ellipticus; caput piceum; antennæ testaceæ, articulo 4o piceo basi testaceo; prothorax antice piceus; scutellum subcarinatum, basi piceum; membrana diaphana.

Testaceous, elliptical, shining, very finely punctured. Head piceous. Eyes large, slightly prominent. Antennæ testaceous, slender, about half the length of the body; second joint about twice the length of the first; third shorter than the second; fourth piceous, testaceous at the base, as long as the second. Prothorax piceous between the fore border and a slight transverse furrow which is on the fore part. Scutellum with a slight keel, piceous towards the base. Wings extending to the tip of the abdomen. Corium of the fore wings pale testaceous; membrane and hind wings pellucid. Length of the body 2 lines.

It much resembles N. Thymi; the apical joint of the antennæ and the legs of the latter are darker.

a, *b*. Ceylon. Presented by Dr. Thwaites.

Oceania.

33. NYSIUS SORDIDUS.

sordidus, *Stal*, *Eug. Resa*, 242.

Tahiti.

34. NYSIUS CŒNOSULUS.

cœnosulus, *Stal*, *Eug. Resa*, 243.

Honolulu.

35. NYSIUS ZEALANDICUS, *C. H.* 552.

Lygæus clavicornis, *Fabr. Ent. Syst.* iv. 169, ad partem—Coreus clavicornis, *Fabr. Syst. Rhyn.* 201—Nysius (Rhypodes) Zealandicus, *Stal*, *Hem. Fabr.* i. 76.

a. Tasmania. From Dr. Hooker's collection.
b—*e*. New Zealand. Presented by Sir J. Ross.
f—*i*. New Zealand. Presented by Dr. Sinclair.

Genus 8. HETEROGASTER, *C. H.* 556.

1. HETEROGASTER URTICÆ, *C. H.* 556.

a. England. Presented by F. Walker, Esq.
b—*l*. England.
m—*o*. Europe. From Mr. Children's collection.

2. HETEROGASTER SEMICOLON.

Phygas semicolon, *Fieb. Weit. Beitr.* i. 349, pl. 2, f. 25—Heterogaster affinis, *C. H.* 556—Phygadicus semicolon, *Fieb. Eur. Hem.* 202.

a. South France.

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3. HETEROGASTER SALVIÆ, *C. H.* 557.

Waltli, *Kol. Mel. Sp.* 60, pl. 9, f. 18—Platyplax Salviæ, *Fieb. Eur. Hem.* 203.

a—c. England. Presented by F. Walker, Esq.
d. South France. Presented by F. Walker, Esq.
e, f. Switzerland. Presented by Dr. Dowler.

4. HETEROGASTER NEPETÆ.

Phygas Nepetæ, *Fieb. Weit. Beitr.* i. 348, pl. 2, f. 24—Heterogaster rufescens, *H.-Sch. Panz. Faun. Germ.* 135, 17—Heterogaster bicolor, *Kol. Mel. Sp.* 58, pl. 9, f. 16—Phygadicus Nepetæ, *Fieb. Eur. Hem.* 201.

Austria. Bohemia. Caucasus.

5. HETEROGASTER ARTEMISIÆ.

Artemisiæ, *Schill. Beit.* 88, pl. 8, f. 3—Artemisiæ Coronillæ, *Kol. Mel.* 59, pl. 9, f. 17—Phygadicus Artemisiæ, *Fieb. Eur. Hem.* 202.

Austria. Caucasus.

6. HETEROGASTER GRAMINIS.

Phygadicus graminis, *Garbiglietti, Bull. Soc. Ent. Ital.* i. 120.

Turin.

South America.

7. HETEROGASTER HUMILIS.

humilis, *Spin. Faun. Chil.* 152, pl. 1, f. 17.

Chili.

Madeira.

8. HETEROGASTER PUNCTOSUS.

Flavus, nitens, fere fusiformis, nigro punctatus; caput brevissimum, nigro quadrivittatum; oculi prominuli; rostrum nigrum basi flavum, coxas intermedias non attingens; antennæ flavæ, basi nigræ, corporis dimidio longiores; prothorax postice nigro biguttatus; scutellum basi nigro bimaculatum.

Yellow, shining, nearly fusiform, finely punctured. Head, prothorax, legs, and corium of the fore wings with many black points. Head very short, somewhat broader than the fore border of the prothorax, with two black stripes on each side. Eyes prominent. Rostrum black, not extending to the middle coxæ; first joint yellow. Antennæ yellow, slender, more than half the length of the body; first joint mostly black; second, third and fourth of nearly equal length, each longer than the first; fourth thicker

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than the second and than the third. Prothorax short, much narrower in front; a black dot on each hind angle. Scutellum with an elongated black spot on each side at the base. Legs slender. Wings extending to the tip of the abdomen; membrane and hind wings pellucid. Length of the body 3 lines.

a, *b*. Madeira. From Mr. Wollaston's collection.

9. HETEROGASTER NOTATIPES.

Niger, fusiformis; caput breve; rostrum luteum, apice nigrum, coxas anticas superans; antennæ luteæ, corporis dimidio paullo longiores, articulo 1o nigro-uninotato; pedes flavi, femoribus nigris basi fasciaque subapicali flavis, tibiis tarsisque nigro fasciatis; corium cinereum.

Black, fusiform, shining, punctured. Head short, a little broader than the fore border of the prothorax. Eyes rather prominent. Rostrum luteous, extending beyond the fore coxæ; tip black. Antennæ luteous, slender, a little more than half the length of the body; first joint short, with a black mark on the outer side; second much longer than the first; third longer than the second, shorter than the fourth. Prothorax short, narrower in front, with a very slight transverse middle furrow. Legs yellow, slender; femora black, yellow towards the base, and with a yellow subapical band; tibiæ and tarsi with black bands. Wings extending to the tip of the abdomen. Corium of the fore wings cinereous; membrane and hind wings pellucid. Length of the body 2¼ lines.

a—*f*. Madeira. From Mr. Wollaston's collection.

10. HETEROGASTER ATRICLAVA.

Testaceus, longi-ellipticus; caput antice subproductum; antennæ corporis dimidio longiores, articulo 4o atro; prothorax sulco transverso nigro plus minusve determinato; femora nigro punctata; corium pallide testaceum, nigro punctatum.

Testaceous, shining, elongate-elliptical, very finely punctured. Head triangular, somewhat elongated in front. Eyes piceous, prominent. Antennæ slender, more than half the length of the body; first and fourth joints stout; first much shorter than the head; second much longer than the first; third shorter than the second; fourth deep black, fusiform, as long as the third. Prothorax short, narrower in front, with a very slight transverse more or less black furrow near the fore border. Legs slender; femora with some black points. Wings extending to the tip of the abdomen. Corium of the fore wings pale testaceous, with some black points; membrane and hind wings pellucid. Length of the body 2—2¼ lines.

Nearly allied to H. Salviæ.

a, *b*. Madeira. From Mr. Wollaston's collection.

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South Asia.

11. Heterogaster Kinbergi.

Phygadicus Kinbergi, *Stal, Eug. Resa*, 241.

Malacca.

12. Heterogaster signifer.

Mas. *Testaceus, fere fusiformis; caput piceum, apice fulvum; antennæ testaceæ, articulo 2o apicem versus piceo; prothorax antice piceus, sulco transverso indeterminato; scutellum piceum, carinula testacea antice furcata et abbreviata; femora antica fuscescente unilineata; femora quatuor posteriora apice fuscescentia; corii margo exterior fuscus; membrana diaphana.*

Male. Testaceous, shining, nearly fusiform, very finely punctured. Head piceous, nearly triangular, tawny at the tip. Eyes very prominent. Antennæ testaceous, slender; first joint shorter than the head; second very much longer than the first, piceous towards the tip. Prothorax much narrower in front, piceous between the fore border and a slight transverse furrow which is at a little before the middle. Scutellum piceous, with a slight testaceous keel, which is forked and abbreviated in front. Legs slender; fore femora with a pale brown line on the hind side, and with a small oblique spine beyond the middle beneath; four posterior femora pale brown towards the tips. Wings extending to the tip of the abdomen. Corium of the fore wings brown about the exterior border; membrane and hind wings pellucid. Length of the body 2 lines.

a. Ceylon. Presented by Dr. Thwaites.

13. Heterogaster Cymoides.

Mas. *Niger, ellipticus; caput brevissimum; oculi prominuli; rostrum coxas anticas paullo superans; antennæ pallide testaceæ, gracillimæ, corporis dimidio breviores; prothoracis sulcus transversus valde indeterminatus; pedes pallide flavi; femoribus basi coxisque nigris, femoribus anticis incrassatis; corium testaceum, striga transversa apicali nigra; membrana diaphana.*

Male. Black, elliptical, shining, very finely punctured. Head very short. Eyes prominent. Rostrum extending a little beyond the fore coxæ. Antennæ pale testaceous, very slender, less than half the length of the body; first joint shorter than the head; second longer than the first; third as long as the second. Prothorax narrower in front, with a very indistinct transverse furrow before the middle. Legs pale yellow, short, slender; femora at the base and coxæ black; fore femora incrassated. Wings extending a little beyond the tip of the abdomen. Corium of the fore wings testaceous, with a black transverse apical streak; membrane and hind wings pellucid. Length of the body 2½ lines.

a. Celebes. Presented by W. W. Saunders, Esq.

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Genus 9. MALCUS.

Malcus, *Stal, Eug. Resa*, 241.

1. Malcus flavidipes.

flavidipes, *Stal, Eug. Resa*, 242, pl. 3, f. 2.
Java.

Genus 10. TERACRIUS.

Teracrius, *Stal, Ofv. K. V. Ak. Forh.* 1859, 316; *Hem. Afr.* ii. 146.

1. Teracrius Namaquensis.

Namaquensis, *Stal, Ofv. K. V. Ak. Forh.* 1859, 316; *Hem. Afr.* ii. 146.
Lake N'Gami.

Genus 11. LETHÆUS, *C. H.* 557.

Androgeus, *Stal*, is included with this genus.

1. Lethæus Africanus, *C. H.* 557.

a. Sierra Leone. Presented by the Rev. D. F. Morgan.
b. Interior of South Africa. Presented by the Earl of Derby in 1843.
c. South Africa. Presented by Sir A. Smith.

2. Lethæus Indicus, *C. H.* 558.

a. North Bengal. From Lieut. Campbell's collection.

3. Lethæus? marginatus.

L.? marginatus, *Sgnt. A. S. E. F. 3me Sér.* viii. 948—Androgeus marginatus, *Stal, Hem. Afr.* ii. 173.
Madagascar.

4. Lethæus? pallidinervis.

L.? pallidinervis, *Stal, Rio Jan. Hem.* 39.
Rio Janeiro.

5. Lethæus tartareus.

Africanus, *C. H.* 557 ad partem—tartareus, *Stal, Hem. Afr.* ii. 174,
Cape.

6. Lethæus guttulatus.

guttulatus, *Stal, Hem. Afr.* ii. 175.
Sierra Leone.

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Europe.

Genus 12. APHANUS, *C. H.* 558.

1. Aphanus rusticus, *C. H.* 558.

Stygnus rusticus, *Fieb. Eur. Hem.* 186—Ophthalmicus rusticus, *Stal, K. V. Ak. Forh.* 214—Stygnocoris rusticus, *Douglas and Scott, Hem.* 214.

a. England. Presented by J. C. Dale, Esq.
b. England. Presented by F. Walker, Esq.
c—f. England.
g. Europe. From Mr. Children's collection.

2. Aphanus sabulosus.

Pachymerus sabulosus, *Schill. Beitr.* 81—Lygæus pedestris, *Fall. Hem.* 64—Rhyparochromus pubescens, *Curt. Brit. Ent.* xiii. 612—Rhyparochromus sabulosus, *Sahlb. Geoc. Fen.* 59—Pachymerus sabulosus, *Flor. Rhyn. Liv.* i. 243—Stygnus sabulosus, *Fieb. Eur. Hem.* 187—Ophthalmicus sabulosus, *Stal, K. V. Ak. Forh.* 1862, 215—Stygnocoris sabulosus, *Douglas and Scott, Hem.* 215.

a—f. England. Presented by F. Walker, Esq.
g—i. England.

3. Aphanus arenarius.

Pachymerus arenarius, *Hahn, Wanz. Ins.* i. 43, f. 27—Rhyparochromus obtusus, *Curt. Brit. Ent.* xiii. 612—Rhyparochromus arenarius, *Sahlb. Geoc.* 59—Stygnus arenarius, *Fieb. Eur. Hem.* 187—Ophthalmicus arenarius, *Stal, K. V. Ak. Forh.* 1862, 215—Stygnocoris arenarius, *Douglas and Scott, Hem.* 216.

a. England. Presented by W. W. Saunders, Esq.
b, c. England. Presented by F. Walker, Esq.
d—i. England.
j—z. Madeira. From Mr. Wollaston's collection.

4. Aphanus insignis.

Pachymerus insignis, *Costa, Cim. R. N.* 68.

a. South Italy. Presented by W. W. Saunders, Esq.

5. Aphanus incanus.

Stethotropis incana (*Douglas and Scott*), *Fieb. Verh. Zool. Bot. Ges. Wien.* xx. 245, pl. 5, f. 3.

England.

6. Aphanus pilosulus.

Lygæus (Stygnus) pilosulus, *Thomson, Opusc. Ent.* ii. 12, 188.

Sweden.

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7. APHANUS CIMBRICUS.

Stygnus cimbricus, *Gredler*, *Verh. Zool. Bot. Ges. Wien.* xx. 84.
Tyrol.

North America.

8. APHANUS TRIPUNCTATUS, *C. H.* 559.

a, *b*. St. John's Bluff, East Florida. Presented by E. Doubleday, Esq.

9. APHANUS NODOSUS.

Ptochiomera nodosa, *Say*, *Hem. Het.* 18—Aphanus clavatus, *C. H.* 560.
a. New Orleans. From Mr. Children's collection.
b. North America. Presented by F. Walker, Esq.

South America.

10. APHANUS DILUTICORNIS.

diluticornis, *Stal*, *Rio Jan. Hem.* 39.
Rio Janeiro.

11. APHANUS PUSIO.

pusio, *Stal*, *Rio Jan. Hem.* 39.
Rio Janeiro.

South Africa.

12. APHANUS CAPENSIS, *C. H.* 559.

a. Cape. From M. Drégé's collection.

13. APHANUS GENICULATUS.

geniculatus, *Sgnt. A. S. E. F.* 3*me Sér.* viii. 949.
Madagascar.

South Asia.

14. APHANUS INDICUS, *C. H.* 559.

a. North Hindostan. From Capt. Boys' collection.

Genus 13. RHYPAROCHROMUS, *C. H.* 560.

Drymus, Macrodema, Aoploscelis, Megalonotus, Lasiocoris, Peritrechus, Tropistethus, Lamprodema, Pionosomus, Lasiosomus, Acompus, Microplax, Eremocoris, Scolopostethus, Notochilus, Hyalochilus, Diomphalus, Trapezonotus, Gonianotus, Emblethis, Ischnopeza, and Neurocladus of Fieber, are here included with Rhyparochromus; so also are Polycrates, Phoroneus, Poeantius, Bochrus, Pactye, Narbo, Euander and Panchlœa

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of Stal; Beosus of Serville; Astemmoplitus of Spinola; Acanthocnemis Clerarda, Dieuches, of Signoret; Calyptonotus, Lamproplax and Hypnophilus of Douglas and Scott; Coptoneurus and Anepsius of Puton; Ozophora of Uhler.

Europe, West Asia and North Africa.

1. Rhyparochromus Ibericus.

Ibericus, *Baransp. Berl. Ent. Zeit.* 1858, 200, f. 5. *Fieb. Eur. Hem.* 194.

Andalusia.

2. Rhyparochromus leucodermus.

Pachymerus carbonarius, *Ramb. Faun. And.* 148 — Rhyparochromus leucodermus, *Fieb. Eur. Hem.* 194.

Sicily. Spain.

3. Rhyparochromus Rolandri, *C. H.* 561.

Lygæus Maroccanus, *Fabr. Ent. Syst.* iv. 163; *Syst. Rhyn.* 229—Beosus Rolandri, *Stal, Hem. Fabr.* i. 78.

a—c. England.
d, e. South France. Presented by F. Walker, Esq.
f. Europe. From Mr. Children's collection.
g—l. Italy.
m—r. Europe. Presented by W. W. Saunders, Esq.
s—v. Madeira. From Mr. Wollaston's collection.

4. Rhyparochromus adspersus.

Pachymerus adspersus, *Muls. Ann. Soc. Linn.* 1852, 96—Rhyparochromus adspersus, *Fieb. Eur. Hem.* 194.

South France. Austria. Ural Region.

5. Rhyparochromus tristis.

tristis, *Fieb. Eur. Hem.* 194.

South Europe.

6. Rhyparochromus lynceus.

Lygæus lynceus, *Fabr. Syst. Rhyn.* 231—Pachymerus lynceus, *Schill. Beitr.* pl. 5, f. 7—Rhyparochromus lynceus, *Fieb. Eur. Hem.* 194.

Europe.

7. Rhyparochromus phœnicicus, *C. H.* 562.

a. Italy. Presented by Dr. Dowler.

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8. Rhyparochromus Pini, *C. H.* 561.

Siberia.

a—*n*. England.
2. Europe. Presented by W. W. Saunders, Esq.
a—*c*. Europe. From Mr. Children's collection.
3. Switzerland. Presented by F. Walker, Esq.
14. Madeira. From Mr. Wollaston's collection.

9. Rhyparochromus Pineti.

Pachymerus Pineti, *H.-Sch. Wanz. Ins.* iv. 95, f. 438—Rhyparochromus Pineti, *Fieb. Eur. Hem.* 195.

South Europe.

10. Rhyparochromus vulgaris, *C. H.* 563.

a, *b*. Geneva. Presented by M. Goureau.

11. Rhyparochromus pedestris, *C. H.* 563.

mundulus, *Dohrn. Stett. Ent. Zeit.* 1860, 160—Cimex caffer, *Thunb. Nov. Ins. Sp.* iii. 59, pl. 3, f. 70—Alydus caffer, *Thunb. Hem. rostr. Cap.* iii. 3.

a. England. Presented by F. Walker, Esq.
b—*k*. England.
l. Europe. Presented by W. W. Saunders, Esq.
m, *n*. Geneva. Presented by M. Goureau.

12. Rhyparochromus brachiideus.

brachiideus, *L. Duf. A. S. E. F.* 2*me Sér.* ix. 327.

Spain.

13. Rhyparochromus princeps.

princeps, *Dohrn*, *Stett. Ent. Zeit.* xxi. 160, pl. 1, f. 2. *Fieb. Eur. Hem.* 196.

Cyprus.

14. Rhyparochromus cribratissimus.

cribratissimus, *Dohrn*, *Stett. Ent. Zeit.* 1860, 161. *Fieb. Eur. Hem.* 196.

Cyprus.

15. Rhyparochromus saturnius.

Cimex saturnius, *Rossi*, *Faun. Etr. Sp.* 1331, pl. 7, f. 8—Pachymerus rhombeus, *Fieb. Beitr.* 1836, 346, pl. 2, f. 21—Beosus saturnius, *Fieb. Eur. Hem.* 196.

Mediterranean Region.

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16. Rhyparochromus quadratus, *C. H.* 562.

Beosus quadratus, *Fieb. Eur. Hem.* 196.

a. England.
b—d. Europe. From Mr. Children's collection.
e—g. Italy.
h—m. Madeira. From Mr. Wollaston's collection.

17. Rhyparochromus marginepunctatus, *C. H.* 563.

Gonianotus marginepunctatus, *Fieb. Eur. Hem.* 197—marginatus, *Dahlb. Vet. Akad.* 1851, 218.

a, b. Europe. Presented by W. W. Saunders, Esq.
c. Europe. From Mr. Children's collection.
d. Italy.
e. Madeira. Presented by T. V. Wollaston, Esq.
f—r. Madeira. From Mr. Wollaston's collection.
s. Africa. From Mr. Children's collection.

18. Rhyparochromus galactodermus.

Gonianotus galactodermus, *Fieb. Eur. Hem.* 197.

Sicily. Spain.

19. Rhyparochromus Verbasci.

Lygæus Verbasci, *Fabr. Syst. Rhyn.* 235—Pachymerus marginepunctatus, *H.-Sch. Panz. Faun. Germ.* 118, 7—Emblethis platychilus, *Fieb. Eur. Hem.* 197—Emblethis Verbasci, *Stal, Hem. Fabr.* i. 79.

Europe.

20. Rhyparochromus arenarius.

Cimex arenarius, *Linn. Faun. Suec.* 955—Lygæus arenarius, *Fabr. Syst. Rhyn.* 233—Lygæus griseus, *Wolff, Wanz. Ins.* f. 107—Lygæus pilifrons, *Zett. Act. Holm.* 1819, 71. *Fall. Hem.* 52—Emblethis arenarius, *Fieb. Eur. Hem.* 198.

Europe.

21. Rhyparochromus Scaphula.

Scaphula, *Barœnsp. Berl. Ent. Zeit.* 1858, 198, f. 6—Ischnopeza Scaphula, *Fieb. Eur. Hem.* 198.

Spain. Dalmatia.

22. Rhyparochromus ater.

Pachymerus ater, *Parreyss. MSS.*—Neurocladus ater, *Fieb. Eur. Hem.* 199.

South Europe.

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23. RHYPAROCHROMUS NEBULOSUS, *C. H.* 564.

Trapezonotus nebulosus, *Fieb. Eur. Hem.* 190.

Siberia.

a, *b*. England.
c, *d*. ——— ? From Mr. Children's collection.

24. RHYPAROCHROMUS NIGRIPES.

Trapezonotus nigripes, *Fieb. Eur. Hem.* 191—anorus? *Flor. Rhyn. Liv.*

Austria. Bohemia.

25. RHYPAROCHROMUS AGRESTIS, *C. H.* 564.

Trapezonotus agrestis, *Fieb. Eur. Hem.* 191.

Siberia.

a, *b*. England. Presented by F. Walker, Esq.
c, *d*. England.
e, *f*. Italy.

26. RHYPAROCHROMUS DISTINCTUS.

Trapezonotus distinctus, *Fieb. Wien. Ent. Mon.* viii. 215. *Douglas and Scott, Ent. Ann.* 1863, 145, f. 4; *Hem.* 191.

England.

27. RHYPAROCHROMUS ULRICHI.

Pachymerus Ulrichi, *Fieb. Weit. Beitr.* 1836, 347, pl. 2, f. 23—Trapezonotus Ulrichi, *Fieb. Eur. Hem.* 191.

Germany. Italy. Corsica.

28. RHYPAROCHROMUS CORDIGER.

Hyalochilus cordiger, *Fieb. Eur. Hem.* 190.

Sicily. Spain.

29. RHYPAROCHROMUS AFFINIS.

Pachymerus affinis, *Schill. Beitr.* 1829, 80—Rhyparochromus decoratus, *C. H.* 565—Scolopostethus affinis, *Fieb. Eur. Hem.* 189.

a—*e*. England. Presented by F. Walker, Esq.
f, *g*. Isle of Man. Presented by F. Walker, Esq.
h, *i*. Europe. From Mr. Children's collection.
j, *k*. Europe. Presented by W. W. Saunders, Esq.
l. Madeira. From Mr. Wollaston's collection.

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30. Rhyparochromus adjunctus.

Pachymerus decoratus, b and c., *Hahn, Wanz. Ins.* i. 139—podacricus, p., *Flor. Rhyn. Liv.* i. 277—Scolopostethus affinis, var., *Stal, Ofv. K. V. Ak. Forh.* 1862, 220—Scolopostethus adjunctus, *Douglas and Scott, Hem.* 183.

England.

31. Rhyparochromus pictus.

Pachymerus pictus, *Schill. Beitr.* 79, 22, pl. 7, f. 1. *Panz. Faun. Germ.* 120, 5; *Hahn, Wanz. Ins.* i. 64, 140, pl. 10, f. 39—Lygæus podagricus, *Fall. Hem.* 63—Scolopostethus pictus, *Fieb. Eur. Hem.* 189.

a. England.

32. Rhyparochromus cognatus.

Scolopostethus cognatus, *Fieb. Eur. Hem.* 189.

South Germany. Corsica.

33. Rhyparochromus nervosus.

Scolopostethus nervosus, *Fieb. Eur. Hem.* 189.

Italy.

34. Rhyparochromus longicollis.

Scolopostethus longicollis, *Fieb. Eur. Hem.* 189.

Sicily.

35. Rhyparochromus contractus.

Pachymerus contractus, *H.-Sch. Nom. Ent.* i. 45; *Wanz. Ins.* iv. 97, pl. 140, f. 440—Scolopostethus contractus, *Fieb. Eur. Hem.* 188.

a—f. England. Presented by F. Walker, Esq.
g—l. England.

36. Rhyparochromus erraticus, *C. H.* 565.

Eremocoris erraticus, *Fieb. Eur. Hem.* 188.

a. England.
b, c. Europe. From Mr. Children's collection.

37. Rhyparochromus plebeius, *C. H.* 566.

Eremocoris plebeius, *Fieb. Eur. Hem.* 188.

a, b. Europe. From Mr. Children's collection.

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38. Rhyparochromus rufipes.

Lygæus rufipes, *Wolff, Wanz. Ins.* f. 145—Ophthalmicus Loniceræ, *Schill. Beitr.* 63, pl. 2, f. 3—Pachymerus pallipes, *H.-Sch. Panz. Faun. Germ.* 121, 2—Aphanus pallipes, *H.-Sch. Index*—Beosus clavatus, *Sahlb. Geoc.* 67—Pachymerus bisignatus, *Boh. K. V. Ak. Forh.* 1859, 104—Pachymerus clavatus, *Flor. Rhyn. Liv.* i. 244—Acompus rufipes, *Fieb. Eur. Hem.* 186—Ophthalmicus rufipes, *Stal, K. V. Ak. Forh.* 1862, 214.

Europe.

39. Rhyparochromus enervis.

Pachymerus enervis, *H.-Sch. Wanz. Ins.* vi. 57, p. 197, f. 618—Aphanus enervis, *H.-Sch. Index*—Lasiosomus enervis, *Fieb. Eur. Hem.* 186.

Austria. Switzerland.

40. Rhyparochromus varius.

Lygæus varius, *Wolff, Wanz. Ins.* 146, f. 142. *Schill. Beitr.* pl. 6, f. 12; *Wanz. Ins.* i. 69, pl. 10, f. 42—Lygæus bimaculatus, *Zett. Act. Hohm.* 1819. *Fall. Hem.* 58—Pionosomus varius, *Fieb. Eur. Hem.* 185.

The specimen here recorded does not fully agree with the figure of Hahn.

a. Europe. Presented by W. W. Saunders, Esq.

41. Rhyparochromus maurus.

Lygæus maurus, *Fabr. Syst. Rhyn.* 238—Pachymerus nitidulus, *H.-Sch. Wanz. Ins.* f. 439—Lamprodema maura, *Fieb. Eur. Hem.* 185.

Europe.

42. Rhyparochromus brevicollis.

Lamprodema brevicollis, *Fieb. Eur. Hem.* 185.

Dalmatia.

43. Rhyparochromus holosericeus.

Pachymerus Sabuleti, *H.-Sch. Wanz. Ins.* ii. 120, pl. 66, f. 201—Pachymerus holosericeus, *Scholtz, Arb. Ver.* 192—Tropistethus ochropterus, *Fieb. Eur. Hem.* 184—Pachymerus spinigerellus, *Boh. K. V. Ak. Forh.* 1852, 57—Tropinotus holosericeus, *Stal, Ofv. K. V. Ak. Forh.* 1862, 217.

Europe.

44. Rhyparochromus luniger.

Pachymerus luniger, *Schill. Beitr.* 1829, 67, pl. 3, f. 1. *Panz. Faun. Germ.* 121, 6—Lygæus Sahlbergi, *Fall. Hem.* 1859, 56—Peritrechus luniger, *Fieb. Eur. Hem.* 184.

a—l. England.
m. ——— ?

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45. Rhyparochromus nubilus, *C. H.* 570.

Peritrechus nubilus, *Fieb. Eur. Hem.* 184.

a, *b*. England.
c. Madeira. From Mr. Wollaston's collection.

46. Rhyparochromus angusticollis.

Beosus angusticollis, *Sahlb. Geoc.* 66—Rhyparochromus crassicornis, *C. H.* 571—Peritrechus angusticollis, *Fieb. Eur. Hem.* 183.

a. Europe. From Mr. Children's collection.

47. Rhyparochromus æneiceps.

Beosus æneiceps, *Barænsp. Berl. Ent. Zeit.* 1859, 333, pl. 6, f. 5—Lasiocoris æneiceps, *Fieb. Eur. Hem.* 183.

Greece.

48. Rhyparochromus anomalus.

Pachymerus anomalus, *Kol. Mel. Fasc.* 277, pl. 9, f. 14—Pachymerus villosus, *Muls. Ann. Soc. Lyon*, 1852, 94—Lasiocoris anomalus, *Fieb. Eur. Hem.* 183.

South France. Sicily.

49. Rhyparochromus chiragra, *C. H.* 564.

Megalonotus chiragra, *Fieb. Eur. Hem.* 182.

a. England. Presented by F. Walker, Esq.
b, *c*. England.
d, *e*. Italy.

50. Rhyparochromus pilicornis.

Pachymerus pilicornis, *Muls. Ann. Soc. Linn. Lyon*, 1852, 99—Rhyparochromus pilicornis, *Douglas and Scott, Hem.* 202.

England. France.

51. Rhyparochromus dilatatus.

Pachymerus dilatatus, *H.-Sch. Wanz. Ins.* vi. 33, f. 591—Pachytherus obscurus, *Muls. Ann. Soc. Lyon*, 1852, 97—Megalonotus dilatatus, *Fieb. Eur. Hem.* 182.

Germany. France.

52. Rhyparochromus niger.

Megalonotus niger, *Fieb. Eur. Hem.* 182.

Sicily.

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53. Rhyparochromus angustatus.

Megalonotus angustatus, *Fieb. Eur. Hem.* 181.

Sicily.

54. Rhyparochromus prætextatus.

Pachymerus prætextatus, *H.-Sch. Wanz. Ins.* iv. 12, f. 357— Pachymerus femoralis, *Boh. Ofv. K. V. Ak. Forh.* 1852—Rhyparochromus maculipennis, *Curt.*—Megalonotus prætextatus, *Fieb. Eur. Hem.* 181.

Europe.

55. Rhyparochromus hirsutus.

Pachymerus antennatus, *H.-Sch. Panz. Faun. Germ.* 120, 7—Megalonotus hirsutus, *Fieb. Eur. Hem.* 181.

Germany.

56. Rhyparochromus antennatus.

Pachymerus antennatus, *Schill. Beitr.* 76, pl. 8, f. 10—Rhyparochromus antennatus, *Sahlb. Geoc.* 64. *Boh. Ofv. K. V. Ak. Forh.* 1852—Megalonotus antennatus, *Fieb. Eur. Hem.* 181.

Europe.

57. Rhyparochromus bilineatus.

Aoploscelis bilineatus, *Fieb. Eur. Hem.* 181.

Corsica.

58. Rhyparochromus micropterus.

micropterus, *Curt. Brit. Ent.* xiii. 612—Pachymerus hirsutulus, *Scholtz, Arb. Verand.* 1846, Sp. 29—Pachymerus gracilis, *Boh. K. V. Ak. Forh.* 1852, 54—Pachymerus hemipterus, *Flor. Rhyn. Liv.* i. 261—Macrodema hirsutula, *Fieb. Eur. Hem.* 180—Hypnophilus micropterus, *Douglas and Scott, Hem.* 208.

Europe.

59. Rhyparochromus sylvaticus, *C. H.* 564.

Drymus silvaticus, *Fieb. Eur. Hem.* 179.

a—d. England. Presented by F. Walker, Esq.
e—o. England.
p. ——— ? From Mr. Children's collection.

60. Rhyparochromus brunneus.

brunneus, *Sahlb. Geoc. Fen.* 57—Pachymerus pallidulus, *H.-Sch. Wanz. Ins.* ix. 211—Drymus notatus, *Fieb. Hem.* 179—Drymus brunneus, *Stal, Ofv. K. V. Ak. Forh.* 1862, 217.

Europe.

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61. Rhyparochromus pilipes.

Drymus pilipes, *Fieb. Eur. Hem.* 179.

Germany.

62. Rhyparochromus melanotus.

Ischnotarsus melanotus, *Fieb. Eur. Hem.* 192.

Greece. Turkey. Syria.

63. Rhyparochromus Douglasi.

Beosus Douglasi, *Fieb. Wien. Ent. Mon.* viii. 217.

Corsica.

64. Rhyparochromus luscus, *C. H.* 568.

Ischnotarsus luscus, *Fieb. Eur. Hem.* 192.

a. England.
b, *c*. Europe. Presented by W. W. Saunders, Esq.
d—*h*. Madeira. From Mr. Wollaston's collection.
i—*n*. Canary Isles. From Mr. Wollaston's collection.
o. Africa. From Mr. Children's collection.

65. Rhyparochromus pulcher, *C. H.* 570.

Aphanus erythropterus, *Brullé, Exp. Mor. Hem.* 75, pl. 31, f. 4—Pachymerus Ibericus, *Kol. Mel.* i. 79, pl. 9, f. 15—Ischnotarsus pulcher, *Fieb. Eur. Hem.* 192.

a. Europe. Presented by W. W. Saunders, Esq.
b. ——— ?

66. Rhyparochromus Sphragadimium.

Sphragadimium, *Amyot, Mon. Sp.* 131—Ischnotarsus Sphragadimium, *Fieb. Eur. Hem.* 192.

Middle and South Europe.

67. Rhyparochromus limbatus.

Microplax limbatus, *Fieb. Wien. Ent. Mon.* viii. 322.

Austria. Asia Minor.

68. Rhyparochromus hispidulus.

Diomphalus hispidulus, *Fieb. Wien. Ent. Mon.* viii. 70, pl. 1, f. 4.

Sarepta.

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69. Rhyparochromus ferrugineus.

Pachymerus ferrugineus, *Muls. Ann. Soc. Linn.* 1852, 101—Notochilus ferrugineus, *Fieb. Wien. Ent. Mon.* viii. 67, pl. 1, f. 2.

South France.

70. Rhyparochromus distinguendus.

Pachymerus distinguendus, *Flor. Rhyn. Liv.* i. 266—Trapezonotus distinguendus, *Fieb. Wien. Ent. Mon.* viii. 219—Trapezonotus convivus, *Stal.*

Livonia.

71. Rhyparochromus brachiidens.

Acanthocnemis brachiidens, *Sgnt. A. S. E. F. 4me Sér.* v. 124.

South France. Syria. Algeria.

72. Rhyparochromus crassicornis.

Scolopostethus crassicornis, *Dougl. and Scott, Ent. M. Mag.* viii. 24.

England.

73. Rhyparochromus latus.

Drymus latus, *Dougl. and Scott, Ent. M. Mag.* viii. 25.

England.

74. Rhyparochromus rufipes.

Peritrechus rufipes, *Garbiglietti, Bull. Soc. Ent. Ital.* i. 115.

Turin.

75. Rhyparochromus Ghilianii.

Ghilianii, *Garbiglietti, Bull. Soc. Ent. Ital.* i. 118.

Sardinia.

76. Rhyparochromus alpinus.

alpinus, *Garbiglietti, Bull. Soc. Ent. Ital.* i. 118.

Piedmontese Alps.

77. Rhyparochromus psammobius.

Trapezonotus psammobius, *Garbiglietti, Bull. Soc. Ent. Ital.* i. 117.

Turin.

78. Rhyparochromus obscurus.

Scolopostethus obscurus, *Garbiglietti, Bull. Soc. Ent. Ital.* i. 117.

Turin.

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79. Rhyparochromus rubefactus.

Scolopostethus rubefactus, *Garbiglietti*, *Bull. Soc. Ent. Ital.* i. 117.
Turin.

80. Rhyparochromus Baeri.

Baeri, *Jakowlew*, *Hor. Soc. Ent. Ross.* iv. 153.
Astrachan.

81. Rhyparochromus Lethierryi.

Coptoneurus Lethierryi, *Puton*, *A. S. E. F.* 4me *Sér.* ix. 142.
Biskra.

82. Rhyparochromus encaustus.

Anepsius encaustus, *Puton*, *A. S. E. F.* 4me *Sér.* ix. 143.
Biskra.

83. Rhyparochromus Beckeri.

Beckeri, *Frey. Gessner*, *Mitthiel. Schweiz. Ent. Gesellsch.* 1863, 118.
Sarepta.

84. Rhyparochromus Sharpi.

Lampronotus Sharpi, *Dougl. and Scott*, *Ent. M. Mag.* iv. 244—Lamproplax Sharpi, *Dougl. and Scott*, *Ent. M. Mag.* iv. 365—Pachymerus piceus? *Flor. Rhyn. Liv.* i. 251.
Scotland.

85. Rhyparochromus sabulicola.

Lygæus (Megalonotus) sabulicola, *Thomson*, *Opusc. Ent.* ii. 12, 190.
Sweden.

86. Rhyparochromus nitidus.

Mimicus nitidus, *Dougl. and Scott*, *Ent. M. Mag.* v. 66.
Palestine.

87. Rhyparochromus Flori.

Lasiocoris Flori, *Dougl. and Scott*, *Ent. M. Mag.* v. 67.
Palestine.

88. Rhyparochromus sanguineus.

Calyptonotus sanguineus, *Dougl. and Scott*, *Ent. M. Mag.* v. 32.
Palestine.

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89. RHYPAROCHROMUS ÆTHIOPS.

Calyptonotus æthiops, *Dougl. and Scott, Ent. M. Mag.* v. 65.
Palestine.

90. RHYPAROCHROMUS PUNCTICEPS.

Lygæus (Peritrechus) puncticeps, *Thomson, Opusc. Ent.* ii. 12, 193.
Sweden.

91. RHYPAROCHROMUS HAMULATUS.

Lygæus (Drymus) hamulatus, *Thomson, Opusc. Ent.* ii. 12, 200.
Sweden.

92. RHYPAROCHROMUS MELANOCERUS.

Lygæus (Scolopostethus) melanocerus, *Thomson, Opusc. Ent.* ii. 12, 202.
Sweden.

93. RHYPAROCHROMUS TRICHOPTERUS.

Lygæus trichopterus, *Thomson, Opusc. Ent.* ii. 12, 339.
Sweden.

94. RHYPAROCHROMUS LIMBATUS.

Notochilus limbatus, *Fieb. Verh. Zool. Bot. Ges. Wien.* xx. 257.
France.

95. RHYPAROCHROMUS NIGER.

Macrodema nigra, *Sgnt. A. S. E. F. 4me Sér.* v. 123.
Paris-Bourray.

96. RHYPAROCHROMUS DISTINCTUS.

Trapezonotus distinctus, *Fieb. Wien. Ent. Mon.* viii. 215.
England.

North America.

97. RHYPAROCHROMUS FERUS.

Pamera fera, *Say, Hem. Het.* 16—Rhyparochromus borealis, *C. H.* 563 —Eremocoris ferus, *Uhler*.

a. Hudson's Bay. Presented by Dr. Barnston.
b, c. Nova Scotia. From Lieut. Redman's collection.

98. RHYPAROCHROMUS LINEATUS, *C. H.* 575.

a, b. North America. Presented by E. Doubleday, Esq.

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99. RHYPAROCHROMUS BASALIS, *C. H.* 575.

a, *b*. North America. Presented by E. Doubleday, Esq.

100. RHYPAROCHROMUS SCUTELLATUS, *C. H.* 575.

a, *b*. North America. Presented by E. Doubleday, Esq.

101. RHYPAROCHROMUS VICINUS, *C. H.* 576.

a—*c*. Nova Scotia. From Lieut. Redman's collection.
d. North America. Presented by F. Walker, Esq.

102. RHYPAROCHROMUS FRATERNUS.

Peritrechus fraternus, *Uhler*, *Proc. Bost. Soc. Nat. Hist.* 1871.
Massachusetts.

103. RHYPAROCHROMUS PICTURATUS.

Ozophora picturata, *Uhler*, *Proc. Bost. Soc. Nat. Hist.* 1871.
Massachusetts.

South America.

104. RHYPAROCHROMUS OVALIS, *C. H.* 568.

a. Columbia. From M. Goudot's collection.

105. RHYPAROCHROMUS TERGINUS.

terginus, *Stal*, *Rio Jan. Hem.* 41.
Rio Janeiro.

106. RHYPAROCHROMUS ALBO-ANNULATUS.

albo-annulatus, *Stal*, *Rio Jan. Hem.* 41.
Rio Janeiro.

107. RHYPAROCHROMUS OCHROCERAS.

ochroceras, *Stal*, *Eug. Resa*, 245.
Rio Janeiro. Puna, near Guayaquil. Tahiti.

108. RHYPAROCHROMUS VINULUS.

vinulus, *Stal*, *Eug. Resa*, 246.
Rio Janeiro. Puna, near Guayaquil. Tahiti.

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109. RHYPAROCHROMUS QUADRICOLLIS.

Pachymerus quadricollis, *Spin. Faun. Chil.* 144; *Sgnt. A. S. E. F.* 4*me Sér.* iii. 562—Meganotus, *Fieb.*

Chili.

110. RHYPAROCHROMUS CHILENSIS.

Pachymerus Chilensis, *Spin. Faun. Chil.* 147; *Sgnt. A. S. E. F.* 4*me Sér.* iii. 562.

Chili.

111. RHYPAROCHROMUS HYALINATUS.

Pachymerus hyalinatus, *Spin. Faun. Chil.* 148, pl. 1, f. 16; *Sgnt. A. S. E. F.* 4*me Sér.* iii. 563.

Chili.

112. RHYPAROCHROMUS PŒCILUS.

Pachymerus pœcilus, *Spin. Faun. Chil.* 149, pl. 1, f. 15; *Sgnt. A. S. E. F.* 4*me Sér.* iii. 563—R. hyalinatus, *var.?*

Chili.

113. RHYPAROCHROMUS POLYCHROMUS.

Pachymerus polychromus, *Spin. Faun. Chil.* 149; *Sgnt. A. S. E. F.* 4*me Sér.* iii. 563.

Chili.

114. RHYPAROCHROMUS NITIDUS.

Pachymerus nitidus, *Blanch. Faun. Chil.* 150; *Sgnt. A. S. E. F.* 4*me Sér.* iii. 563—Lamprodema, *Fieb.*

Chili.

115. RHYPAROCHROMUS GAYI.

Astemmoplitus Gayi, *Spin. Faun. Chil.* 158, pl. 1, f. 13—R. nitidus?

Chili.

116. RHYPAROCHROMUS ARMATIPES.

Niger; rostrum testaceum, coxas anticas superans; prothoracis sulcus transversus bene determinatus; pedes testacei; corium obscure fuscum, striga costali diaphana, macula costali albida; membrana fuscescente cinerea.

armipes, *C. H.* 569.

Of the group Beosus, as is also the following species.

Black, in structure like R. armipes. Head triangular. Eyes slightly prominent. Rostrum testaceous, extending somewhat beyond the fore coxæ. Prothorax widening from the fore border to the hind border, near

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which there is a well-defined transverse furrow. Legs testaceous; fore femora incrassated, denticulated beneath. Corium of the fore wings dark brown, with a pellucid costal streak extending from the base, and with a whitish triangular costal spot near the tip; membrane brownish cinereous. Length of the body 4½ lines.

a. America. Presented by Capt. Friend.

117. Rhyparochromus serripes.

Fœm. *Fuscus, longiusculus, cinereo tomentosus; rostrum coxas intermedias attingens; antennæ testaceæ, gracillimæ, corpore breviores, articulis 3o 4oque apice 4oque basi nigris; prothorax sulco transverso medio valde determinato; pedes longi, tibiis tarsorumque articulis apice nigris; corii costa testaceo bimaculata.*

Female. Brown, long, slender, with cinerous tomentum, in structure like R. armatipes. Head conical. Eyes rather large and prominent. Rostrum extending to the middle coxæ. Antennæ testaceous, very slender, rather shorter than the body; first joint shorter than the head; second nearly twice the length of the first; third and fourth black towards the tip; third shorter than the second; fourth black at the base, a little shorter than the third. Prothorax conical, with a strongly-marked transverse middle furrow; hind angles slightly prominent. Legs long, slender; tibiæ and joints of the tarsi with black tips; fore femora incrassated, denticulate beneath. Wings extending to the tip of the abdomen. Corium of the fore wings with two testaceous costal spots, one very near the base, the other very near the tip. Length of the body 5 lines.

Allied to R. armatipes.

a. Petropolis. Presented by J. Gray, Esq.

118. Rhyparochromus disciger.

Fœm. *Ater, longi-ovatus; antennæ corporis dimidio paullo longiores; prothorax postice albo bistrigatus; corium albo interrupte marginatum; membrana apice diaphano marginata.*

Female. Deep black, elongate-oval, in structure somewhat like R. Rolandri. Head short, triangular, as broad as the fore border of the prothorax. Eyes slightly prominent. Antennæ slender, a little more than half the length of the body; second joint much longer than the first; third a little shorter than the second; fourth a little longer than the second. Prothorax subquadrate, widening slightly from the fore border to the hind border, on which there is a short white streak on each side. Legs slender; fore femora slightly incrassated. Wings extending to the tip of the abdomen. Corium of the fore wings with a white border, which is interrupted on the outer part of the costa; membrane with a narrow pellucid apical border. Length of the body 2¾ lines.

a. Tejuca. Presented by the Rev. H. Clark.

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Madeira.

119. Rhyparochromus Maderensis.

Maderensis, *Wltn. Ann. Nat. Hist. 3rd Ser.* i. 123.

a—g. Madeira. From Mr. Wollaston's collection.

120. Rhyparochromus luscinus.

Mas. et fœm. *Niger, fusiformis; antennæ corpore multo breviores, articulo 2o luteo apice nigro, 3i dimidio basali luteo, 4o basi pallide flavo; prothorax testaceo unifasciatus, albido bimaculatus, lateribus reflexis; scutellum albido bistrigatum, apice flavum; pedes lutei, longi, femoribus totis tibiis tarsisque apice nigris; corium testaceum, nigro unistrigatum, apice atrum albido unimacalatum; membrana nigro-cinerea, apice albida.*

Male and female. Black, fusiform. Eyes prominent. Antennæ slender, much shorter than the body; first joint shorter than the head; second luteous, black at the tip, very much longer than the first; third shorter than the second, luteous for half the length from the base; fourth pale yellow at the base, as long as the third. Prothorax with an elongated whitish spot on each of the reflexed sides, and with an irregular testaceous band behind the middle. Scutellum with two whitish streaks and with a yellow tip. Legs luteous, long, slender; femora black; tibiæ and tarsi with black tips. Wings extending to the tip of the abdomen. Corium of the fore wings testaceous, deep black towards the tip; a black discal streak near the base; a transverse whitish spot in the black part; membrane blackish cinereous, whitish at the tip. Length of the body 3¾—4¼ lines.

Smaller than R. luscus, from which it is also distinguished by black colour extending more over the legs.

a—j. Madeira. From Mr. Wollaston's collection.

121. Rhyparochromus concinnulus.

Fœm. *Niger, fusiformis; antennæ corpore breviores, articuli 1o 2o 3oque apice flavis; prothorax albo bimaculatus, sulco transverso antico valde determinato; pedes nigri, femoribus quatuor posterioribus basi flavis, femoribus anticis incrassatis, tibiis tarsisque quatuor anterioribus fulvis apice nigris; corium albo unimaculatum, dimidio basali testaceo; membrana apice albida.*

Female. Black, fusiform, shining, very finely punctured. Head triangular, as broad as the fore border of the prothorax. Eyes slightly prominent. Antennæ slender, somewhat shorter than the body; joints from the first to the third pale yellow at the tip; first much shorter than the head; second about twice the length of the first; third a little shorter than the second; fourth as long as the third. Prothorax narrower in front; a strongly-marked transverse furrow near the hind border, including on each side a large triangular white spot. Legs black; tips of the femora pale yellow; four posterior femora pale yellow at the base; fore femora

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incrassated; four anterior tibiæ and tarsi tawny, with black tips. Wings extending to the tip of the abdomen. Corium of the fore wings testaceous for half the length from the base, with a white triangular subapical spot; membrane whitish at the tip. Length of the body 2¼ lines.

Like R. pedestris in structure.

a—d. Madeira. From Mr. Wollaston's collection.

122. RHYPAROCHROMUS GLABERRIMUS.

Mas. et fœm. *Fulvus, fusiformis, fere planus; rostrum coxas intermedias attingens; antennæ testaceæ, corporis dimidio longiores; prothorax brevis, sulco antico transverso valde determinato; pedes breves; alæ abdominis apicem non attingentes.*

Male and female. Tawny, fusiform, smooth, very shining, nearly flat. Head triangular, a little narrower than the fore border of the prothorax. Eyes not prominent. Rostrum extending to the middle coxæ. Antennæ testaceous, slender, more than half the length of the body, longer in the male than in the female; first joint a little shorter than the head; second, third and fourth nearly equal in length, each shorter than the first. Prothorax short, hardly narrower in front, with a very indistinct transverse furrow near the fore border. Legs short, slender; fore femora incrassated. Wings not extending to the tip of the abdomen. Length of the body 1 line.

a—l. Madeira. From Mr. Wollaston's collection.

123. RHYPAROCHROMUS MUNDULUS.

Niger, nitens, glaber, ellipticus; antennæ piceæ, corporis dimidio longiores, articulus 2o 3oque basi flavis, 4o fulvo; prothorax brevis, transverse subsulcatus, postice punctatus; pedes fulvi, breves; corium fuscum; membrana cinerea.

Black, smooth, shining, elliptical. Head small. Eyes not prominent. Antennæ piceous, slender, rather more than half the length of the body; first joint shorter than the head; second and third yellow at the base; second longer than the third; fourth tawny, as long as the third. Prothorax short, a little narrower in front, with a slight transverse furrow, between which and the hind border it is dull and punctured. Legs tawny, short; femora black; fore femora incrassated. Wings extending to the tip of the abdomen. Corium of the fore wings brown; membrane cinereous. Length of the body 1 line.

a. Madeira. From Mr. Wollaston's collection.

South Africa.

124. RHYPAROCHROMUS ARMIPES.

Lygæus armipes, *Fabr. Ent. Syst.* iv. 164; *Syst. Rhyn.* 231—Lygæus albostriatus, *Fabr. Syst. Rhyn.* 229—Beosus albostriatus, *Stal. Hem. Afr.* ii. 168—Beosus armipes, *Stal Hem. Fabr.* i. 79—Rhyparochromus albostriatus, *C. H.* 567.

Guinea.

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a, *b*. Cape. From M. Drégé's collection.
c, *d*. South Africa. Presented by Sir A. Smith.
e. Sierra Leone. Presented by the Rev. D. F. Morgan.
f. Gambia. Presented by W. W. Saunders, Esq.
g. Mauritius. From Dr. Beke's collection.

125. RHYPAROCHROMUS MŒRENS, *C. H.* 563.

a. Interior of South Africa. Presented by the Earl of Derby in 1843.
b. Interior of South Africa. Presented by Sir A. Smith.
c. Cape. From M. Drégé's collection.

126. RHYPAROCHROMUS APICALIS, *C. H.* 562.

Rhyparochromus turgidifemur, *Stal, Ofv. K. V. Ak. Forh.* 1855, 32—Rhyparochromus nigromaculatus, *Stal, Ofv. K. V. Ak. Forh.* 1855, 33—Beosus apicalis, *Stal, Hem. Afr.* ii. 165.

a—*f*. Interior of South Africa. Presented by the Earl of Derby in 1843.
g. Congo. Presented by Sir J. Richardson.

127. RHYPAROCHROMUS INCONSPICUUS, *C. H.* 574.

a. Sierra Leone. Presented by the Rev. D. F. Morgan.

128. RHYPAROCHROMUS UNIGUTTATUS.

Pendulinus uniguttatus, *Thunb. Hem. rostr. cap.* iv. 6—Pendulinus guttatus, *Thunb. Ins. Hem. tria gen. ill.* 5—Beosus uniguttatus, *Stal, Berl. Ent. Zeit.* x. 382; *Ofv. K. V. Ak. Forh.* 1870, 664.

Cape. Philippine Isles.

129. RHYPAROCHROMUS CONSUTUS.

Pachymerus consutus, *Germ. Silb. Rev. Ent.* v. 139—Rhyparochromus curvipes, *Stal, Ofv. K. V. Ak. Forh.* 1855, 34—Polycrates consutus, *Stal, Hem. Afr.* ii. 161.

a. South Africa. Presented by Sir A. Smith.

130. RHYPAROCHROMUS APICICORNIS.

Clerarda apicicornis, *Sgnt. Maill. Notes Ile Réun. Ins.* 28, pl. 20, f. 8. *Stal, Hem. Afr.* ii. 155.

Bourbon.

131. RHYPAROCHROMUS DEPRESSUS.

Panchlœa depressa, *Stal, Hem. Afr.* ii. 156.

Sierra Leone.

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132. Rhyparochromus nigropictus.

nigropictus, *Stal, Ofv. K. V. Ak. Forh.* 1855, 33—Poeantius nigropictus, *Stal, Hem. Afr.* ii. 163.

Caffraria.

133. Rhyparochromus albofasciatus.

Beosus albofasciatus, *Stal, Hem. Fabr.* ii. 165.

Cape.

134. Rhyparochromus Caffer.

Caffer, *Stal, Ofv. K. V. Ak. Forh.* 1855, 33—Beosus Caffer, *Stal, Hem. Afr.* ii. 166.

Caffraria.

135. Rhyparochromus mucronatus.

Beosus mucronatus, *Stal, Hem. Afr.* ii. 168.

Nubia.

136. Rhyparochromus umbrifer.

umbrifer, *Stal, Ofv. K. V. Ak. Forh.* 1855, 33—Beosus umbrifer, *Stal, Hem. Afr.* ii. 169.

Caffraria.

137. Rhyparochromus patruelis.

patruelis, *Stal, Ofv. K. V. Ak. Forh.* 1855, 33—Beosus patruelis, *Stal, Hem. Afr.* ii. 171.

Caffraria.

138. Rhyparochromus cœnosus.

Beosus cœnosus, *Stal, Hem. Afr.* ii. 172.

Caffraria.

139. Rhyparochromus marginipennis.

marginipennis, *Stal, Ofv. K. V. Ak. Forh.* 1855, 33—Beosus marginipennis, *Stal, Hem. Afr.* ii. 172.

Caffraria.

140. Rhyparochromus crassifemur.

crassifemur, *Stal, Ofv. K. V. Ak. Forh.* 1855, 34—Phoroneus crassifemur, *Stal, Hem. Afr.* ii. 162.

Caffraria.

141. Rhyparochromus placidus.

Beosus placidus, *Stal, Hem. Afr.* ii. 170.

Bourbon.

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142. Rhyparochromus lateralis.

Dieuches lateralis, *Sgnt. Maill. Notes Ile Réunion, Ins.* 29—Beosus lateralis, *Stal, Hem. Afr.* ii. 171.

Bourbon.

143. Rhyparochromus annulatus.

annulatus, *Sgnt. A. S. E. F.* 3*me Sér.* viii. 949—Beosus annulatus, *Stal, Hem. Afr.* ii. 169.

Madagascar.

144. Rhyparochromus raptorius.

raptorius, *Sgnt. A. S. E. F.* 3*me Sér.* viii. 950.

Madagascar.

145. Rhyparochromus transversus.

transversus, *Sgnt. A. S. E. F.* 3*me Sér.* viii. 950—Beosus transversus, *Stal, Hem. Afr.* ii. 167.

Madagascar.

146. Rhyparochromus semidolens.

semidolens, *Walk. Zool. 2nd Ser.* 2378.

Harkeko, Africa, near the Red Sea.

147. Rhyparochromus circumcinctus.

Mas. *Niger, longi-fusiformis, fere planus; rostrum testaceum, coxas medias attingens; antennæ corporis dimidio longiores; prothorax flavescente marginatus; abdomen flavo bimaculatum; venter flavo unimaculatus; pedes picei, femoribus quatuor posterioribus basi flavis; corium abbreviatum, costa testacea.* Var. β.—*Piceus, capite antennisque fulvis, harum articulo 1o piceo; pedes fulvi.*

Male. Black, shining, elongate-fusiform, rather flat, very finely punctured. Head conical, as broad as the fore border of the prothorax. Eyes piceous, slightly prominent. Rostrum testaceous, extending to the middle coxæ. Antennæ slender, more than half the length of the body; first joint very short; third shorter than the second; fourth a little longer than the second. Prothorax quadrate, a little narrower in front, bordered with pale yellow. Abdomen with a yellow spot on each side above and with a yellow spot in the disk beneath. Legs piceous, slender; four posterior femora yellow at the base; fore femora incrassated, spinulose beneath. Wings abbreviated; corium with a testaceous costa. *Var.* β.—

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Piceous. Head and antennæ tawny; fourth joint of the latter piceous. Legs tawny. Length of the body 2 lines.

This species has a peculiar structure; the specimens described may not be fully developed.

a, *b*. Seychelles. Presented by Dr. Percival Wright.

148. RHYPAROCHROMUS SORDIDUS, *C. H.* 566.

Beosus sordidus, *Stal, Hem. Fabr.* i. 78.

a. Hindostan. Presented by Major Parry.
b. China. Presented by G. T. Lay, Esq.
c. Hindostan. Presented by C. Brettingham, Esq.

149. RHYPAROCHROMUS CHINENSIS, *C. H.* 556.

a, *b*. Hong Kong. Presented by J. C. Bowring, Esq.

150. RHYPAROCHROMUS PALLENS, *C. H.* 567.

Acanthocnemis pallens, *Sgnt.*

a. North Bengal. From Lieut. Campbell's collection.
b. ———? Presented by W. W. Saunders, Esq.

151. RHYPAROCHROMUS BENGALENSIS, *C. H.* 572.

R. assimilis, *C. H.* 572.

a. Ceylon. Presented by Dr. Templeton.
b. Hong Kong. Presented by J. C. Bowring, Esq.
c. Cambodia. Presented by W. W. Saunders, Esq.
d. Bombay. Presented by Sir W. Elliott.
e. North Bengal. From Lieut. Campbell's collection.
f. ———? Presented by W. W. Saunders, Esq.

152. RHYPAROCHROMUS GUTTA, *C. H.* 573.

a. North Hindostan. From Capt. Boys' collection.

153. RHYPAROCHROMUS PALLICORNIS, *C. H.* 573.

Plociomera pallicornis, *Stal, Ofv. K. V. Ak. Forh.* 1870, 663.

Philippine Isles.

a. Hindostan. From Mr. Wooley's collection.

154. RHYPAROCHROMUS SINÆ.

Sinæ, *Stal, Eug. Resa*, 246.

Hong Kong.

155. RHYPAROCHROMUS LEUCOSPILUS.

Fœm. *Ater, ellipticus, robustus, pilosus; caput parvum; rostrum coxas intermedias attingens; antennæ sat validæ, corporis dimidio non longiores; corium macula flava subapicali rotundata; alæ posticæ albæ.*

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Female. Deep black, elliptical, stout, pilose above, somewhat allied to R. Rolandri in structure. Head small, triangular. Eyes not prominent. Rostrum extending to the middle coxæ. Antennæ rather stout, about half the length of the body; first joint shorter than the head; second much longer than the first; third and fourth much broader than the second; third as long as the second; fourth a little longer than the third. Prothorax convex, a little narrower in front, with a distinct middle transverse furrow. Legs moderately long and slender; fore femora slightly incrassated. Wings extending to the tip of the abdomen. Corium of the fore wings with a pale yellow round subapical spot. Hind wings white. Length of the body 3 lines.

a. Silhet. Presented by J. C. Bowring, Esq.

156. Rhyparochromus semilucens.

Fœm. *Niger, sat gracilis, fere linearis, dense pilosus; rostrum coxas intermedias attingens; antennæ sat validæ, corporis dimidio paullo longiores; prothorax sulco postico bene determinato, lateribus albis subreflexis; venter ferrugineus, femoribus basi tarsisque luteis his apice nigris; corium dimidio basali testaceum nigro lineatum, macula subapicali alba; membrana diaphana, basi fusca.*

Female. Black, rather slender, nearly linear, thickly pilose. Head small, triangular, acute in front. Eyes slightly prominent. Rostrum extending to the middle coxæ. Antennæ rather stout, a little more than half the length of the body; first joint short; second and third of equal length; fourth longer than the third. Prothorax a little narrower in front; sides white and slightly reflexed; a well-defined transverse furrow near the hind border. Abdomen ferruginous beneath. Legs slender, moderately long; coxæ luteous; femora luteous towards the base; tarsi luteous, with blackish tips. Wings extending to the tip of the abdomen. Corium of the fore wings testaceous and with black lines for half the length from the base, a white transverse spot near the tip; membrane pellucid, brown towards the base. Length of the body 2½ lines.

The left antennæ of the specimen described has only three joints; the second and third are equal in length to the second, third and fourth of the right antenna. In structure it resembles the group Peritrechus.

a. North Hindostan. Presented by W. W. Saunders, Esq.

157. Rhyparochromus extremus.

Fœm. *Niger, longi-ellipticus; caput parvum, lobo intermedio carinato apice fulvo; prothorax fere planus, margine antico lateribusque ferrugineis; pedes sat validi, tibiis tarsisque fulvis, illis spinosis; corium testaceo venosum et punctatum; membrana fuscescente cinerea, transverse venosa.*

Female. Black, finely punctured, elongate-elliptical. Head small, nearly triangular; middle lobe forming a very slight keel, tawny at the tip. Eyes not prominent. Rostrum tawny, extending to the middle coxæ. Antennæ mutilated in the specimen described. Prothorax nearly flat, narrower in front, with a smooth callus on each side near the fore border, which like the sides is ferruginous. Legs rather stout, moderately long;

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tibiæ and tarsi tawny, the former with spines on each side. Wings extending to the tip of the abdomen. Corium of the fore wings with the veins mostly testaceous, a few points of the same hue near the tip; membrane brownish cinereous, with a transverse vein and with seven areolets. Hind wings pellucid. Length of the body 3½ lines.

In form it has a resemblance to R. Rolandri, but the veins of the membrane have a peculiar structure.

a. Siam. Presented by W. W. Saunders, Esq.

158. RHYPAROCHROMUS INCISUS.

Mas. *Niger, fere linearis; caput antice rotundatum; rostrum coxas intermedias fere attingens; antennæ corpore breviores, articulo 1o luteo; prothorax convexus, sulco transverso medio valde determinato; pedes longi, tibiis intermediis tarsisque fulvis, femoribus anticis apice fulvis; corii costa albo bimaculata.*

Male. Black, convex, shining, nearly linear, very finely punctured. Head rounded in front, broader than the fore border of the prothorax. Eyes rather prominent. Rostrum extending nearly to the middle coxæ. Antennæ slender, rather shorter than the body; first joint luteous, much shorter than the head; second very much longer than the first; third shorter than the second; fourth a little longer than the second. Prothorax binodose, or with a very deeply-marked transverse furrow which is behind the middle. Legs long, slender; tarsi and middle tibiæ tawny; fore femora incrassated, armed with spines beneath, tawny at the tips. Wings not extending to the tip of the abdomen. Corium of the fore wings with two large triangular costal white spots, one near the base, the other near the tip. Length of the body 3 lines.

This and the three following species belong to the group Beosus.

a. Ceylon. Presented by Dr. Thwaites.

159. RHYPAROCHROMUS ANTICUS.

Fœm. *Fuscus; caput elongatum; prothorax longiusculus, sulco medio transverso indeterminato, lateribus albis subreflexis postice fuscis; pedes pallide flavi, longi, graciles, femoribus nigris basi albis, femoribus anticis subincrassatis subtus denticulatis; corium basi cervinum, macula costali apicali alba.* Var. β.—*Antennarum articuli 2us et 3us basi albi apice nigri, 4us niger dimidio basali albo.* Var. γ.—*Antennarum articuli 2us et 3us nigri basi albi.*

Female. Brown, in structure like R. armipes. Head elongate, triangular. Eyes slightly prominent. Rostrum extending to the middle coxæ. Antennæ testaceous; first joint rather shorter than the head; second about twice the length of the first; third rather shorter than the second; fourth as long as the third. Prothorax elongate, widening from the fore border to the hind border; a slight transverse middle furrow; sides slightly reflexed, white except towards the hind border. Legs pale yellow, long, slender; femora black, white towards the base; fore femora slightly incrassated, denticulate beneath. Wings extending to the tip of the abdomen. Corium of the fore wings fawn-colour towards the base; a somewhat

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triangular white spot near the tip of the costa. *Var. β.*—Second and third joints of the antennæ white at the base, black towards the tips; fourth black, white for nearly half the length from the base. *Var. γ.*—Antennæ black; second and third joints white at the base; fourth ? Length of the body 3½—5 lines.

a. Hindostan. From the Entomological Society's collection.
b. Batchian. Presented by W. W. Saunders, Esq.

160. Rhyparochromus testaceipes.

Fœm. *Niger, gracilis, rostrum coxas intermedias attingens; antennæ fulvæ, corpore breviores, articulis 2o 3o 4oque apice nigris; prothorax testaceo unifasciatus, lateribus subreflexis antice pallide testaceis, sulco transverso bene determinato; ventris latera testaceo maculata; pedes testacei, longi; alæ anticæ fuscæ, corio testaceo-bimaculato.*

Female. Black, slender, in structure like R. armipes. Head somewhat conical. Eyes prominent. Rostrum extending to the middle coxæ. Antennæ tawny, somewhat shorter than the body; first joint shorter than the head; second, third and fourth black at the tips; second much longer than the first; third a little shorter than the second; fourth longer than the second. Prothorax elongate, with a testaceous band along the hind side of the well-defined transverse furrow; sides slightly reflexed, pale testaceous except towards the hind border. Abdomen beneath with pale testaceous spots along each side. Legs testaceous, long, slender; fore femora slightly incrassated, denticulated beneath. Wings brown, extending to the tip of the abdomen. Corium of the fore wings with a testaceous costal spot in the middle, and with a longer and paler testaceous spot near the tip. Length of the body 4 lines.

a. Ceylon. Presented by Dr. Templeton.

161. Rhyparochromus leucoceras.

Mas. *Niger, gracilis; rostrum testaceum, coxas posticas attingens; antennæ testaceæ, corpore paullo breviores, articulis 1o 2o 3oque apice 4oque toto nigricantibus; prothorax linea strigis duabus lateralibus fasciaque valde interrupta albidis; scutellum apice albidum; abdominis latera albida; femora alba, apice nigra; corium basi albidum nigro strigatum, apice albo unimaculatum.*

Male. Black, long, slender, in structure like R. luscus. Head triangular. Eyes not prominent. Rostrum testaceous, extending to the hind coxæ. Antennæ testaceous, slender, a little shorter than the body; first, second and third joints with blackish tips; first shorter than the head; second very much longer than the first; third shorter than the second; fourth blackish, as long as the third. Prothorax whitish along the middle part of each side and with a thrice and widely interrupted whitish band near the hind border, and with a whitish longitudinal line; transverse furrow slight. Scutellum with a whitish tip. Metapectus with a whitish hind border. Abdomen with whitish sides. Legs long, slender; femora white, black towards the tips; fore femora slightly incrassated, spinulose beneath. Wings extending to the tip of the abdomen. Corium of the fore wings whitish and with black streaks for half the length from the base, and

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with a white subapical spot which joins the costa; membrane blackish cinereous. Length of the body 3½ lines.

a. Ceylon. Presented by Dr. Templeton.

162. Rhyparochromus Malayus.

Malayus, *Stal, Eug. Resa*, 245—Plociomera Malaya, *Stal, Ofv. K. V. Ak Forh.* 1870, 663.

Philippine Isles. Malacca.

163. Rhyparochromus Siamicus.

Mas. *Niger, gracilis, fere linearis; rostrum testaceum, basi nigrum, coxas posticas attingens; antennæ corpore breviores, articulo 1o testaceo apicem versus nigro; prothoracis latera fulva subreflexa; abdomen supra subtusque flavo bimaculatum; pedes fulvi, longi, femoribus piceis quatuor posterioribus basi flavis; alæ anticæ breves, costa fulva.*

Male. Black, dull, slender, nearly linear. Head elongate-triangular. Eyes slightly prominent. Rostrum testaceous, extending to the hind coxæ; first joint black. Antennæ shorter than the body; first joint testaceous, black towards the tip, shorter than the head; second twice the length of the first; third much shorter than the second. Prothorax subquadrate, with tawny and slightly reflexed sides. Abdomen near the base with a yellow spot adjoining each side above and with a yellow spot on each side of the disk beneath. Legs tawny, long, slender; femora piceous; four posterior femora yellow towards the base; fore femora slightly incrassated, spinulose beneath. Fore wings hardly more than half the length of the abdomen; costa tawny. Length of the body 3½ lines.

a. Siam. Presented by W. W. Saunders, Esq.

Eastern Isles.

164. Rhyparochromus pœcilopterus.

Bochrus pœcilopterus, *Stal, Stett. Ent. Zeit.* xx. 145.

Java.

165. Rhyparochromus longipes.

Narbo longipes, *Stal, Berl. Ent. Zeit.* x. 161.

Sarawak.

166. Rhyparochromus Ciconia.

Pactye Ciconia, *Stal, Berl. Ent. Zeit.* x. 160.

Sarawak.

167. Rhyparochromus V-album.

V-album, *Stal, Eug. Resa*, 247—Beosus V-album, *Stal, Ofv. K. V. Ak. Forh.* 1870, 664.

Manilla.

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168. RHYPAROCHROMUS NIGRICEPS, *C. H.* 577.

Plociomera nigriceps, *Stal, Ofv. K. V. Ak. Forh.* 1870, 663.

Philippine Isles.

a—*c*. Sandwich Islands. Presented by the Lords of the Admiralty.

169. RHYPAROCHROMUS DELINEATUS.

Fœm. *Niger, gracilis; rostrum coxas intermedias attingens; antennæ corporis dimidio paullo longiores, articulo 4o basi testaceo; pedes testacei, femoribus nigris basi testaceis, tibiis apice nigris; corium fuscum, vitta costali apicem versus dilatata vittula discali linea posteriore guttisque duabus testaceis; membrana fusca, lineis albidis undulatis.* Var. β.—*Corium testaceo strigatum.*

Female. Black, slender, in structure like R. armipes. Head triangular. Eyes slightly prominent. Rostrum testaceous, extending to the middle coxæ. Antennæ a little more than half the length of the body; first joint about half the length of the head; second shorter than the head; third as long as the second; fourth testaceous towards the base, a little longer than the second. Prothorax elongate, narrower in front, with a strongly-marked transverse furrow. Legs testaceous; femora black; hind femora testaceous towards the base; four anterior femora testaceous at the base; fore femora incrassated, spinulose beneath; tibiæ black at the tips. Wings extending to the tip of the abdomen. Corium of the fore wings brown, with a testaceous costal stripe which is dilated towards the tip, with a shorter testaceous stripe in the disk, and with a posterior testaceous line; two testaceous dots near the exterior border; membrane brown, with whitish undulating veins. *Var.* β.—Corium with more testaceous streaks. Length of the body 3¼—3½ lines.

This and the seven following species are of the group Beosus.

a. Ceram. Presented by W. W. Saunders, Esq.

b. Celebes. Presented by W. W. Saunders, Esq.

170. RHYPAROCHROMUS DESCRIPTUS.

Fœm. *Niger, longi-ellipticus; rostrum testaceum, coxas posticas attingens; antennæ testaceæ, corpore multo breviores; prothoracis latera testacea subreflexa; venter apicem versus rufus; pedes fulvi, longiusculi, femoribus piceis; corium obscure fuscum, testaceo trimaculatum et unilineatum; membrana cinerea, fuscescente nebulosa.*

Female. Black, elongate-elliptical. Head nearly triangular. Eyes slightly prominent. Rostrum testaceous, extending to the hind coxæ. Antennæ testaceous, slender, much shorter than the body; first joint as long as the head; second longer than the first; third a little longer than the first. Prothorax with slightly elevated very narrowly testaceous sides; a well-defined transverse furrow near the fore border. Abdomen red towards the tip beneath, where the two apical segments are retracted in the middle. Legs tawny, slender, rather long; femora piceous; fore femora

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slightly incrassated, spinulose beneath. Wings extending to the tip of the abdomen. Corium of the fore wings dark brown, with three testaceous spots, one near the base, the other two near the exterior border; a testaceous line, which extends from the disk to the exterior border, between the second and third spots; membrane cinereous, partly clouded with pale brown. Length of the body 3¼ lines.

a. Sula. Presented by W. W. Saunders, Esq.

171. RHYPAROCHROMUS OBSCURIPES.

Niger, longiusculus, sat angustus; rostrum coxas intermedias attingens; antennæ corpore breviores, articulis 2o 3o 4oque basi fulvis; prothorax transverse sulcatus, testaceo unifasciatus, lateribus reflexis testaceis; pedes longi, femoribus basi genubusque fulvis; corium obscure fuscum, albido unimaculatum, costa testacea.

Black, rather long and narrow. Head triangular. Eyes piceous, slightly prominent. Rostrum extending to the middle coxæ. Antennæ slender, rather shorter than the body; first joint rather shorter than the head; second, third and fourth long, tawny towards the base, nearly equal in length. Prothorax rather long, narrower in front, with testaceous and elevated sides, with a transverse furrow, and with an excavated testaceous band occupying the space between the furrow and the hind border. Legs long, slender; femora towards the base and knees tawny. Wings extending to the tip of the abdomen. Corium of the fore wings dark brown, irregularly testaceous along the costa, with a whitish oblique elongated subapical spot; membrane black. Length of the body 3¾ lines.

a. New Guinea. Presented by W. W. Saunders, Esq.

172. RHYPAROCHROMUS REPRESSUS.

Mas. *Niger, gracilis, fere linearis; rostrum coxas intermedias attingens; antennæ corporis dimidio longiores; prothorax sulco transverso postico valde determinato; pedes flavi, femoribus quatuor posterioribus tibiisque apice nigris, femoribus anticis nigris incrassatis; corium nigro-fuscum, testaceo bistrigatum, flavo trimaculatum; membrana cinerea.*

Male. Black, slender, convex, nearly linear. Head elongate-triangular. Eyes slightly prominent. Rostrum extending to the middle coxæ. Antennæ slender, more than half the length of the body; second joint more than twice the length of the first; third shorter than the second; fourth as long as the second. Prothorax elongate, narrow in front of the strongly-marked transverse furrow, which is behind the middle. Legs yellow, slender, moderately long; four posterior femora black towards the tips; fore femora black, incrassated; tibiæ with black tips. Wings extending to the tip of the abdomen. Corium of the fore wings blackish brown, with two testaceous streaks, one costal, the other subcostal; an exterior oblique band composed of three pale yellow spots; membrane cinereous. Length of the body 2¾ lines.

a. Celebes. Presented by W. W. Saunders, Esq.

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173. Rhyparochromus terminalis.

Fœm. *Nigro-fuscus, gracilis, cinereo tomentosus; rostrum coxas intermedias attingens; antennæ testaceæ; prothorax sulco transverso valde determinato, lateribus subreflexis antice fulvis; scutellum apice testaceum; venter testaceo quadrimaculatus; pedes longi, femoribus fulvis quatuor posterioribus basi testaceis; corium fulvo unilituratum, albo unimaculatum; membrana fusca, albido uninotata, apice alba.*

Female. Blackish brown, elongate, slender, with cinereous tomentum, in structure like R. armipes. Head somewhat conical. Eyes slightly prominent. Rostrum extending to the middle coxæ. Antennæ slender, testaceous; first joint as long as the head. Prothorax narrower in front, with a strongly marked transverse furrow; sides slightly reflexed, tawny except towards the hind border. Scutellum pale testaceous at the tip. Abdomen beneath with two pale testaceous spots on each side. Legs testaceous, long, slender; four posterior femora tawny, pale testaceous towards the base; fore femora wholly tawny, slightly incrassated, denticulated beneath. Wings extending to the tip of the abdomen. Corium of the fore wings with a slight tawny mark which adjoins the middle of the costa and with a white triangular costal spot near the tip. Membrane brown, with a whitish angular mark near the tip of the corium and with a white tip. Length of the body 6 lines.

a. Ceram. Presented by W. W. Saunders, Esq.

174. Rhyparochromus divisus.

Testaceus, longiusculus; caput nigrum; antennæ testaceæ; prothorax antice niger, sulco transverso bene determinato; scutellum basi nigrum; corium nigro bimaculatum; membrana diaphana, fusce-scente uniplagiata.

Testaceous, elongate, shining. Head and thorax punctured. Head black, short-conical, as broad as the prothorax. Eyes testaceous, prominent. Antennæ testaceous, slender; first joint shorter than the head; second about twice the length of the first; third much shorter than the second. Prothorax narrower in front, black between the fore border and the well-defined transverse furrow. Scutellum black about the base. Legs slender; fore femora slightly incrassated, slightly denticulated beneath. Wings extending to the tip of the abdomen. Corium of the fore wings with two black apical spots, one on the costal angle, the other on the interior angle; membrane pellucid, with a brownish patch adjoining the costa. Length of the body 4½ lines.

a. New Guinea. Presented by W. W. Saunders, Esq.

175. Rhyparochromus alienus.

Fœm. *Niger, ellipticus; rostrum testaceum, coxas posticas attingens; antennæ gracillimæ, corpore breviores, articulo 3o basi apiceque albo; prothorax transverse subsulcatus, lateribus pallide testaceis; corium testaceo venosum, maculis duabus costalibus, 1o antemedia diaphana, 2a subapicali albida; membrana diaphana fusco nebulosa, transverse venosa.*

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Female. Black, elliptical, shining beneath. Head small, nearly triangular, as broad as the fore border of the prothorax. Eyes slightly prominent. Rostrum testaceous, extending to the hind coxæ. Antennæ very slender, somewhat shorter than the body; first joint shorter than the head; second very much longer than the first; third white at the base, white towards the tip, a little shorter than the second; fourth as long as the third. Prothorax narrower in front, with a slight transverse furrow near the fore border and with pale testaceous sides. Legs slender. Wings extending to the tip of the abdomen. Fore wings with pale testaceous veins, with a pellucid costal spot before the middle and with a whitish triangular costal spot near the tip; membrane pellucid, partly clouded with brown; veins brown; one row of transverse veinlets. Hind wings pellucid. Length of the body 4 lines.

a. Sarawak. Presented by W. W. Saunders, Esq.

176. Rhyparochromus nigritulus.

Fœm. *Niger, fusiformis; rostrum testaceum, coxas posticas attingens; antennæ gracillimæ, corpore multo breviores, articulo 4o albo unifasciato; prothorax postice luteo bivittatus; scutellum cinereo marginatum; corium cinereo biguttatum; membrana fusca.*

Female. Black, fusiform. Head elongate-triangular. Eyes not prominent. Rostrum testaceous, extending to the hind coxæ. Antennæ very slender, much shorter than the body; first joint nearly as long as the head; second full twice the length of the first; third shorter than the second; fourth with a white band in the middle, as long as the third. Prothorax with a strongly-marked transverse furrow in the middle and with two luteous stripes between the furrow and the hind border. Scutellum with a cinereous border. Legs whitish, long, slender; femora piceous towards the tips; fore femora slightly incrassated. Wings extending to the tip of the abdomen. Corium of the fore wings with an elongated cinereous dot near the interior angle and with a subcostal dot of the same hue; membrane brown. Length of the body 3½ lines.

a. Sarawak. Presented by W. W. Saunders, Esq.

177. Rhyparochromus phæophilus.

Fœm. *Nigro-fuscus, robustus, ellipticus; antennæ fuscæ, corpore dimidio æquilongæ; prothorax lateribus guttisque duabus posticis testaceis; pedes fulvi, breves, femoribus anticis piceis; corii costa fulva; membrana cinerea.*

Female. Blackish brown, shining, stout, elliptical, finely punctured. Head small, triangular. Eyes slightly prominent. Antennæ brown, about half the length of the body; first joint much shorter than the head; second much longer than the first; third shorter than the second; fourth hardly longer than the second. Prothorax much narrower in front; sides narrowly testaceous; a testaceous dot on each side of the hind border, very near each hind angle. Legs tawny, short; fore femora piceous, slightly incrassated. Wings extending to the tip of the abdomen. Corium of the

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fore wings with a tawny costa; membrane cinereous. Length of the body 2 lines.

Allied to the group Drymus, as is also the following species.

a. Celebes. Presented by W. W. Saunders, Esq.

178. Rhyparochromus luteicornis.

Niger, ellipticus; antennæ luteæ, corporis dimidio longiores; prothorax sulco transverso medio bene determinato, lateribus albidis; pedes lutei, breviusculi, femoribus nigris; corium basi guttisque duabus testaceis.

Black, elliptical, slightly convex. Head short, triangular. Eyes red, rather prominent. Rostrum and antennæ luteous. Antennæ slender, more than half the length of the body; first joint shorter than the head; second very much longer than the first; third much shorter than the second; fourth shorter than the third. Prothorax very finely punctured, much narrower in front, with a strongly-marked transverse middle furrow; sides narrowly whitish. Legs luteous, slender, rather short; femora black; fore femora incrassated. Wings extending to the tip of the abdomen; corium of the fore wings testaceous towards the base and with two testaceous dots, the first on the interior angle opposite the second, which is costal. Length of the body 2 lines.

a, *b*. Celebes. Presented by W. W. Saunders, Esq.

179. Rhyparochromus dimidiatus.

Fœm. *Niger, longi-ellipticus; rostrum luteum, basi nigrum, coxas posticas attingens; antennæ corporis dimidio longiores, articulo 4o luteo; prothoracis sulcus transversus valde determinatus; pedes pallide flavi, femoribus nigris quatuor posterioribus basi flavis; corium albidum, apice nigrum; membrana diaphana.*

Female. Black, elongate-elliptical. Head short, nearly triangular. Eyes slightly prominent. Rostrum luteous, extending to the hind coxæ; first joint black, longer than the first joint of the antennæ. Antennæ rather more than half the length of the body; first joint much shorter than the head; second almost twice the length of the first; third shorter than the second; fourth luteous, shorter than the third. Prothorax convex, much narrower in front, with a very strongly-marked middle furrow. Legs pale yellow, slender, rather short; femora black; four posterior femora pale yellow towards the base; fore femora not incrassated. Wings extending to the tip of the abdomen. Corium of the fore wings whitish, black at the tip; membrane pellucid. Length of the body 2 lines.

Allied to the group Scolopostethus.

a. New Guinea. Presented by W. W. Saunders, Esq.

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180. RHYPAROCHROMUS COLEOPTEROIDES.

Niger, ellipticus, nitens; caput brevissimum; antennæ luteæ, corporis dimidio non longiores, articulo 4o nigro; prothorax transverse subsulcatus, lateribus posticis albidis; pedes fulvi, breviusculi, femoribus nigris.

Black, elliptical, shining, convex. Head very short. Eyes not prominent. Antennæ luteous, slender, about half the length of the body; first joint short; second much longer than the third; fourth black, longer than the third. Prothorax smooth, a little narrower in front, finely punctured and with whitish sides between the hind border and a slight transverse furrow. Legs tawny, slender, rather short; femora black; fore femora incrassated. Wings extending nearly to the tip of the abdomen. Corium of the fore wings finely punctured. Length of the body $1\frac{1}{4}$—$1\frac{1}{2}$ line.

Group of R. Rolandri.

a, b. Ceram. Presented by W. W. Saunders, Esq.

181. RHYPAROCHROMUS CINCTICORNIS.

Mas et fœm. *Niger, convexus, fere linearis; caput sat longum; antennæ testaceæ, gracillimæ, corpore breviores, articulis 1o 2o 3oque apice nigris, 4o nigro basi albo; prothorax sulco transverso valde determinato, postice latior subgibbosus; scutellum albido marginatum; pedes longi, graciles, femoribus tarsisque basi albis, femoribus anticis incrassatis subtus denticulatis; corium albo strigatum bimaculatum et uniguttatum; membrana fusca.*

Male and female. Black, convex, narrow, nearly linear. Head elongate, broader than the fore part of the prothorax, narrower in front. Eyes not prominent. Rostrum extending nearly to the middle coxæ. Antennæ testaceous, very slender, rather shorter than the body; first, second and third joints black towards the tips; first a little shorter than the head; second very much longer than the first; third a little shorter than the second; fourth black, white towards the base, as long as the third. Prothorax broader and slightly gibbous between the hind border and the very strongly-marked transverse furrow. Scutellum bordered with whitish. Legs long, slender; femora and tarsi white towards the base; fore femora incrassated, denticulate beneath. Wings extending to the tip of the abdomen. Corium of the fore wings with two white angular costal spots; first near the base, accompanied by some white streaks; second near the tip; a white dot near the second spot and near the interior border; membrane brown. Length of the body 4 lines.

It may be considered as the type of a new group.

a, b. Batchian. Presented by W. W. Saunders, Esq.

182. RHYPAROCHROMUS STRICTUS.

Mas. *Niger, gracilis, linearis; caput brevissimum; rostrum coxas intermedias attingens; antennæ basi flavæ, corporis dimidio longiores;*

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prothoracis sulcus transversus medius bene determinatus; pedes flavi, femoribus piceis basi flavis; corium album, apicem versus nigrum; membrana nigricans, basi albo fasciata, apice diaphana.

Male. Black, narrow, linear, finely punctured. Head very short. Eyes reddish, prominent. Rostrum extending to the middle coxæ. Antennæ slender, rather more than half the length of the body; first joint yellow, short; second yellow at the base, about twice the length of the first; third shorter than the second; fourth as long as the third. Prothorax elongate-quadrate, with a well-defined transverse middle furrow. Legs yellow, slender, moderately long; femora piceous, yellow towards the base; fore femora slightly incrassated. Wings extending to the tip of the abdomen. Corium of the fore wings white, black towards the tip; membrane blackish, with a white band at the base along the corium, pellucid at the tip. Length of the body 3 lines.

This species perhaps belongs to the group Peritrechus.

a. Sarawak. Presented by W. W. Saunders, Esq.

Australia.

183. RHYPAROCHROMUS LACERTOSUS, *C. H.* 571.

Euander lacertosus, *Stal.*

a. Australia. Presented by Sir J. Richardson.

184. RHYPAROCHROMUS ACUMINATUS, *C. H.* 567.

a, *b*. Australia. Presented by the Entomological Club.

185. RHYPAROCHROMUS LONGICOLLIS, *C. H.* 570.

a. Australia. Presented by Major-Gen. Hardwicke.

186. RHYPAROCHROMUS NOTATUS, *C. H.* 569.

a, *b*. New South Wales. Presented by the Earl of Derby in 1843.
c. Australia. Presented by the Entomological Club.
d. Tasmania. From Dr. Hooker's collection.
e. Tasmania. From Lieut. Smith's collection.

187. RHYPAROCHROMUS PICTIPENNIS, *C. H.* 571.

Euander pictipennis, *Stal.*

a. Tasmania. From Dr. Hooker's collection.

188. RHYPAROCHROMUS CEPHALOTES, *C. H.* 577.

nigripes, *C. H.* 578.

a. Tasmania. Presented by Sir J. Richardson.
b. Australia. Presented by Sir J. Richardson.
c. Australia. From Major Parry's collection.
d. Australia. Presented by the Entomological Club.
e—h. Australia. Presented by the Haslar Hospital.
i. Victoria. Presented by W. W. Saunders, Esq.

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189. Rhyparochromus sidnicus.

sidnicus, *Stal, Eug. Resa*, 246.

Sydney.

190. Rhyparochromus torquatus.

Pachymerus torquatus, *Erichs. Weigm. Arch.* viii. 280.

Tasmania.

191. Rhyparochromus nigroæneus.

Pachymerus nigroæneus, *Erichs. Weigm. Arch.* viii. 280.

Tasmania.

192. Rhyparochromus rubiginosus.

Fœm. *Niger, latus, ellipticus, dense pilosus; caput breve; rostrum coxas intermedias attingens; antennæ setulosæ, corporis dimidio æquilongæ; prothorax sulco transverso indeterminato, maculis quatuor posterioribus ochraceis; segmentorum ventralium margines postici fulvescentes; corium ochraceum.*

Female. Black, dull, broad, elliptical, thickly pilose. Head short, transverse. Eyes slightly prominent. Rostrum extending to the middle coxæ. Antennæ setulose, about half the length of the body; second joint about twice the length of the first; third shorter than the second; fourth as long as the second. Prothorax transverse, narrower in front, with a slight transverse furrow near the hind border; an ochraceous spot between the furrow and the hind border, and a smaller ochraceous spot on each hind angle. Hind borders of the ventral segments somewhat tawny. Legs short, rather stout. Wings extending nearly to the tip of the abdomen. Corium of the fore wings ochraceous. Length of the body 3 lines.

Allied to R. Rolandri in structure.

a. Victoria. Presented by W. W. Saunders, Esq.

193. Rhyparochromus diffinis.

Fœm. *Niger, fusiformis, nitens; caput elongatum; rostrum testaceum, coxas posticas attingens; antennæ graciles, corpore breviores, articulo 1o longo, 3o basi apiceque albido; prothorax subtilissime punctatus, sulco transverso medio valde determinato; pedes flavi, graciles, longiusculi, femoribus anticis nigris subincrassatis, femoribus quatuor posterioribus apice nigris; corium striga basali guttis tribus punctisque pallide flavis, membrana nigro cinerea venis basi pallidis.*

Female. Black, fusiform, shining. Head smooth, elongate-triangular. Eyes slightly prominent. Rostrum testaceous, extending to the hind coxæ. Antennæ slender, somewhat shorter than the body; first joint as long as the head; second much longer than the first; third whitish at the base and towards the tip, a little shorter than the

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second; fourth a little shorter than the third. Prothorax very finely punctured, much narrower in front, with a strongly-marked transverse middle furrow. Legs yellow, slender, rather long; fore femora black, very slightly incrassated; four posterior femora black towards the tips. Wings extending to the tip of the abdomen. Corium of the fore wings with a pale yellow costal streak extending from the base and with three pale yellow dots; first dot in the disk near the base; second and third subapical; second costal; a few pale yellow points; membrane blackish cinereous, the veins pale towards the base, near which there are two transverse veinlets. Length of the body 4 lines.

Somewhat like R. pictipennis in structure.

a, *b*. Moreton Bay. From Mr. Diggles' collection.

194. Rhyparochromus maculicollis.

Fœm. *Niger, gracilis, fere fusiformis; rostrum coxas intermedias attingens; antennæ corporis dimidio æquilongæ; prothorax albo quadriguttatus, sulci transverso valde determinato, lateribus subreflexis; femora quatuor posteriora basi lutea; femora antica incrassata; corium striga clavata testacea basali biramosa, macula subapicali transversa alba.*

Female. Black, slender, shining, nearly fusiform, very finely punctured. Head triangular, widely equilateral. Eyes not prominent. Rostrum extending to the middle coxæ. Antennæ slender, about half the length of the body; first joint much shorter than the head; second a little longer than the head, about equal in length to the third and to the fourth. Prothorax elongate, with slightly reflexed sides and with a strongly-marked transverse furrow which is a little behind the middle; two white dots on each side, one near the transverse furrow, the other near the hind angle. Legs slender, moderately long; four hinder femora luteous at the base; fore femora incrassated. Wings extending nearly to the tip of the abdomen. Corium of the fore wings with a clavate testaceous streak, which extends from the base and emits two oblique branches to the disk; a transverse triangular subapical white spot. Length of the body 3½ lines.

Of the group Beosus.

a. Adelaide. From Mr. Stevens' collection.

195. Rhyparochromus collaris.

Mas. *Niger, nitens, subpilosus, fere cylindricus; rostrum coxas intermedias fere attingens; antennæ sat validæ, corporis dimidio paullo longiores, articulo 2o luteo apice nigro, 3o 4oque basi luteis; abdominis dorsum luteo late univittatum; pedes lutei, femoribus nigris quatuor posterioribus basi luteo fasciatis, tibiis apice nigris anticis subtus unidentatis; alæ abdominis apicem non attingentes.* Var. β.—*Alæ anticæ ferrugineæ.*

Male. Black, shining, finely punctured, slightly pilose, nearly cylindrical. Head elongate-triangular. Eyes rather prominent. Rostrum extending nearly to the middle coxæ. Antennæ rather stout, a little more

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than half the length of the body; first joint very much shorter than the head; second luteous, black at the tip, twice the length of the first; third and fourth luteous towards the base; third much shorter than the second; fourth a little longer than the second. Prothorax elongate, a little narrower in front, with a slight transverse furrow near the hind border. Abdomen with a broad luteous dorsal stripe. Legs luteous, slender, moderately long; femora black; four posterior femora with a luteous basal band; fore femora much incrassated, denticulate beneath; tibiæ with black tips; fore tibiæ unidentate beneath beyond the middle. Wings not extending to the tip of the abdomen. Length of the body 3—3½ lines.

Much like R. nigripes in structure.

a. Tasmania. Presented by W. W. Saunders, Esq.
b. Adelaide. From Mr. Stevens' collection.

Var. β. Fore wings ferruginous.

c. Australia. From Mr. Damel's collection.

Oceania.

196. Rhyparochromus inornatus.

Mas. *Ferrugineus, convexus, pilosus, fere fusiformis, subtus niger; caput prothoracis dimidio longior, lobo intermedio prominulo; rostrum testaceum, coxas intermedias attingens; antennæ luteæ, corporis dimidio paullo longiores, 3o apice 4oque piceis; prothorax lineola antica cinerea, sulco transverso bene determinato, angulis posticis fulvis; scutellum subcarinatum; pedes pallide flavi, femoribus quatuor posterioribus apice anticisque nigris; corium testaceum, macula costali subapicali apiceque nigris.*

Male. Ferruginous, convex, pilose, nearly fusiform, black and shining beneath. Head more than half the length of the prothorax; middle lobe prominent, narrow. Eyes rather prominent. Rostrum testaceous, extending to the middle coxæ. Antennæ luteous, a little more than half the length of the body; first joint much shorter than the head; second very much longer than the first; third piceous at the tip, much shorter than the second; fourth piceous, as long as the second. Prothorax with a strongly-marked transverse furrow near the hind border; hind angles tawny, slightly prominent; a cinereous line between the fore border and the furrow. Scutellum with a very slight keel. Legs slender, pale yellow; four posterior femora black towards the tips; fore femora black, incrassated. Wings extending to the tip of the abdomen. Corium of the fore wings dull testaceous, with a black costal spot near the tip, which is also black; membrane cinereous. Length of the body 2¼ lines.

Of the group Scolopostethus.

a. New Zealand. Presented by Col. Bolton.

Country unknown.

197. Rhyparochromus pusillus, *C. H.* 577.

a. ——? From Mr. Children's collection.

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198. RHYPAROCHROMUS LONGULUS, *C. H.* 578.

a. ———? From Mr. Children's collection.

199. RHYPAROCHROMUS EROSUS.

Niger, R. antico *valde affinis; antennæ corpore breviores, articulis 2o 3o 4oque basi albis; prothorax sulco transverso bene determinato, fascia testacea antice undulata; scutellum apice album; venter albo quadrimaculatus, disco ferrugineo; pedes longi, femoribus basi albis, tibiis fulvis; corium striga costali albido-testacea, macula subapicali albida; membrana apice albida.*

Black, closely allied to R. anticus. Antennæ somewhat shorter than the body; first joint nearly as long as the head; second and third white at the base; second somewhat longer than the first; third shorter than the second; fourth white towards the base, as long as the third. Prothorax elongate, narrower in front; a strongly-marked transverse furrow near the hind border, accompanied by a testaceous band, which is deeply undulating on the hind side. Scutellum white at the tip. Abdomen beneath ferruginous in the middle and with two white spots on each side. Legs long, slender; femora white towards the base; tibiæ tawny; fore femora slightly incrassated, denticulate beneath. Wings a little shorter than the abdomen. Corium of the fore wings with a whitish testaceous costal streak which extends from the base and is excavated on the hind side; a triangular whitish spot near the tip; membrane whitish at the tip. Length of the body 5 lines.

Of the group Beosus.

a. ———?

Genus 14. MICROTOMA.

Microtoma, *De Lep. Ess. Hem.* 33. *Fieb. Eur. Hem.* 193—Polyacanthus, *Serv. Hem.* 210.

1. MICROTOMA CARBONARIUS, *C. H.* 561.

Microtoma carbonaria, *Fieb. Eur. Hem.* 192.

a—c. England.
d. Geneva. Presented by M. Goureau.
e, f. Italy. Presented by Dr. Dowler.
g. Odessa. Presented by Dr. Dowler.
h. Europe. From Mr. Children's collection.
i. South France. Presented by F. Walker, Esq.
j, k. Europe. Presented by W. W. Saunders, Esq.

2. MICROTOMA CRIBRATISSIMA.

Rhyparochromus cribratissimus, *Stal, Ofv. K. V. Ak. Forh.* 440.

Cyprus. Rhodes.

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3. MICROTOMA NIGRORUBRA.

Rhyparochromus nigroruber, *Stal, Ofv. K. V. Ak. Forh.* 1859, 440.

Cyprus.

Genus 15. PTEROTMETUS.

Pterotmetus, *Serv. Hem.* 215. *Fieb. Eur. Hem.* 182.

Proderus and Icus of Fieber are included with this genus.

1. PTEROTMETUS HEMIPTERUS.

Pachymerus hemipterus, *Schill. Beitr.* 77, 20, pl. 6, f. 11—Pachymerus staphyliniformis, *Hahn, Wanz. Ins.* i. 61, pl. 9, f. 37. *Panz. Faun. Germ.* 121, 4—Pachymerus pallidipennis, *H.-Sch. Wanz. Ins.* ix. 210—Pachymerus angustulus, *Boh. K. V. Ak. Forh.* 1852, 56—Pachymerus ocultatus, *Flor. Rhyn. Liv.* i. 257—Ischnocoris pallidipennis, *Fieb. Hem.* 180—Pterotmetus hemipterus, *Stal, K. V. Ak. Forh.* 215—Hypnophilus hemipterus, *Douglas and Scott, Hem.* 210.

a. France. Presented by W. W. Saunders, Esq.

2. PTEROTMETUS DIMIDIATUS.

dimidiatus, *Pict. Mey. Fieb. Eur. Hem.* 182.

Spain.

3. PTEROTMETUS PUNCTULATUS.

Ischnocoris punctulatus, *Fieb. Eur. Hem.* 180.

Germany.

4. PTEROTMETUS HEMIPTERUS.

Rhyparochromus hemipterus, *C. H.* 579.—Pachymerus pallidipennis, *H.-Sch. Wanz. Ins.* 9, 210—Pachymerus angustulus, *Boh. Nya. Sp.* 10—Ischnocoris pallidipennis, *Fieb. Eur. Hem.* 180.

a, *b*. Geneva. Presented by M. Goureau.

5. PTEROTMETUS STAPHYLINIFORMIS.

Pachymerus staphyliniformis, *Schill. Beitr.* 77, pl. 3, f. 4. *Hahn, Wanz. Ins.* i. 226, pl. 36, f. 118. *Panz. Faun. Germ.* 121, 4—Pterotmetus staphyliniformis, *Serv. Hem.* 256—Pterotmetus staphylinoides, *Burm. Handb. Ent.* ii. 294. *Fieb. Eur. Hem.* 183.

According to Thomson this species is = brachypterus, *Boh.*

Europe.

6. PTEROTMETUS PUNCTULATUS.

Ischnocoris punctulatus, *Fieb. Eur. Hem.* 180.

Germany.

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7. PTEROTMETUS FLAVIPES.

Rhyparochromus flavipes, *Lucas, Ins. Alg.* 73, pl. 3, f. 2—Pachymerus suberythropus, *Costa, A. S. E. F.* 1841, 292—Proderus flavipes, *Fieb. Eur. Hem.* 173—Pterotmetus suberythropus, *Barensp. Berl. Ent. Zeit.* 1852, 202—Ischnocoris flavipes, *Sgnt. A. S. E. F. 4me Sér.* v. 123.

South Europe. North Africa.

8. PTEROTMETUS ANGULARIS.

Icus angularis, *Fieb. Eur. Hem.* 173.

Sicily.

9. PTEROTMETUS ANTENNATUS.

antennatus, *Sgnt. A. S. E. F. 4me Sér.* v. 122—Piesoscelis antennata, *Fieb. Verh. Zool. Bot. Ges. Wien.* xx. 244, pl. 5, f. 2.

South France. Syria.

North America.

10. PTEROTMETUS ABBREVIATUS.

abbreviatus, *Uhler.*

a—d. Indiana. Presented by F. Walker, Esq.

Genus 16. PLINTHISUS.

Plinthisus, *Latr. Gen.* iii. *Fieb. Eur. Hem.* 177—Plinthisus and Plinthisomus, *Fieb. Wien. Ent. Mon.* viii. 213.

1. PLINTHISUS PUSILLUS.

Pachymerus pusillus, *Scholz. Arb. Ver.* 1846, 41 — Rhyparochromus coleoptratus, *Sahlb, Geoc. Fen.* 60—Plinthisus pusillus, *Fieb. Eur. Hem.* 178—Plinthisomus pusillus, *Fieb. Wien. Ent. Mon.* viii. 214.

Germany.

2. PLINTHISUS BIDENTULUS.

Pachymerus bidentulus, *H.-Sch. Wanz. Ins.* vi. 31, pl. 191, f. 588—Plinthisus bidentulus, *Fieb. Eur. Hem.* 178.

Europe.

3. PLINTHISUS BREVIPENNIS.

brevipennis, *Latr. Gen. Fieb. Eur. Hem.* 178—Pachymerus brevipennis, *Schill. Beitr.* pl. 6, f. 10. *Hahn, Wanz. Ins.* i. 59, pl. 9, f. 36.

Europe.

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4. PLINTHISUS FLAVIPES.

flavipes, *Fieb. Eur. Hem.* 178.

Sicily.

5. PLINTHISUS LONGICOLLIS.

longicollis, *Fieb. Eur. Hem.* 178.

Italy.

6. PLINTHISUS MINUTISSIMUS.

P. (Plinthisomus) minutissimus, *Fieb. Wien. Ent. Mon.* viii. 213.

South France.

7. PLINTHISUS CONVEXUS.

convexus, *Fieb. Wien. Ent. Mon.* viii. 214.

Sarepta.

Genus 17. PLOCIOMERUS.

Plociomerus, *Serv. Hem.* 214. *Fieb. Eur. Hem.* 171.

Paromius, *Fieber*, Hermus, Gyndes, Fomijus, *Stal*, are included with this genus.

Europe.

1. PLOCIOMERUS SYLVESTRIS.

Cimex silvestris, *Linn. Faun. Suec.* 965—Lygæus silvestris, *Fall. Hem. Suec.* 61—Plociomerus silvestris, *Sahlb. Geoc.* 70. *Fieb. Eur. Hem.* 171—Plociomerus Luchsi, *Barensp. Berl. Ent. Zeit.* 1859, 330, pl. 6, f. 2.

Europe.

2. PLOCIOMERUS FASCIATUS.

Plociomerus fasciatus, *Fieb. Eur. Hem.* 172.

Sicily.

3. PLOCIOMERUS FRACTICOLLIS.

Pachymerus fracticollis, *Schill. Beitr.* 82, pl. 7, f. 6. *Hahn, Wanz. Ins.* i. 66, pl. 10, f. 40—Plociomerus fracticollis, *Sahlb. Geoc.* 70. *Fieb. Eur. Hem.* 172—Plociomerus collaris, *Barensp. Berl. Ent Zeit.* 1859, 322—insectus, *Boh.*

Europe.

4. PLOCIOMERUS LURIDUS.

Pachybrachius luridus, *Hahn, Icon. Mon. Cim.* i. 18—Pachymerus sabuleti, *H.-Sch. Wanz. Ins.* iv. 11, pl. 113, f. 356—Plociomerus luridus, *Fieb. Eur. Hem.* 172.

Germany.

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5. PLOCIOMERUS ANNULIPES.

annulipes, *Barensp. Berl. Ent. Zeit.* 1859, 332, pl. 6, f. 4. *Fieb. Eur. Hem.* 172.

Andalusia.

6. PLOCIOMERUS LEPTOPOIDES.

leptopoides, *Barensp. Berl. Ent. Zeit.* 1859, 330, pl. 6, f. 1—Paromius leptopoides, *Fieb. Eur. Hem.* 171.

Germany. Spain.

7. PLOCIOMERUS GRACILIS.

Stenocoris gracilis, *Ramb. Faun. And.* 139—Paromius gracilis, *Fieb. Eur. Hem.* 171.

Corsica. Sicily. Spain.

8. PLOCIOMERUS NABIFORMIS.

Pachymerus Nabiformis, *Costa, Cent. Cim. Neap.* 2—Plociomerus Nabiformis, *Barensp. Berl. Ent. Zeit.* 1859, 331, pl. 6, f. 3—Paromius Nabiformis, *Fieb. Eur. Hem.* 171.

Italy. Greece.

North America.

9. PLOCIOMERUS PARVULUS.

Rhyparochromus parvulus, *C. H.* 576—Plociomerus Amyoti, *Guér. Sagra, Hist. Cuba*, vii.—Plociomerus vinulus, *Stal, Rio Jan. Hem.* 40—Rhyparochromus (Plociomerus) vinulus, *Stal, Rio Jan. Hem.* i. 40—Plociomera parvula, *Stal, Hem. Afr.* ii. 159.

South America. Cape. Java.

a. North America. Presented by E. Doubleday, Esq.
b. Jamaica. From Mr. Children's collection.

10. PLOCIOMERUS BILOBATUS.

Pamera bilobata, *Say, Works Ed. Leconte*, i. 334—Plociomerus Servillei, *Guér. Stal, Stett. Ent. Zeit.* xxiii. 312—Plociomera bilobata, *Stal.*

North America. Mexico. Cuba.

11. PLOCIOMERUS CONSTRICTUS.

Pamera constricta, *Say, Hem. Het.* 15—Beosus abdominalis, *Guér. Sagra, Hist. Nat. Cuba*, 397.

Canada. United States. West Indies.

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12. PLOCIOMERUS DIFFUSUS.

diffusus, *Uhler, Proc. Bost. Nat. Hist. Soc.* 1871.

New Hampshire.

Mexico.

13. PLOCIOMERUS PILIGER.

Plociomera piligera, *Stal, Stett. Ent. Zeit.* xxiii. 312.

Mexico.

14. PLOCIOMERUS LITIGIOSUS.

Plociomera litigiosa, *Stal, Stett. Ent. Zeit.* xxiii. 313.

Mexico.

15. PLOCIOMERUS OBLONGUS.

Plociomera oblonga, *Stal, Stett. Ent. Zeit.* xxiii. 313.

Mexico.

South America.

16. PLOCIOMERUS PICTUS.

Coreus pictus, *Fabr. Syst. Rhyn.* 202—Plociomera picta, *Stal, Hem. Fabr.* i. 77.

South America.

17. PLOCIOMERUS SERRIPES.

Lygæus serripes, *Fabr. Syst. Rhyn.* 236—Plociomera serripes, *Stal, Hem. Fabr.* i. 77.

South America.

18. PLOCIOMERUS CHILENSIS.

Pachymerus Chilensis, *Spin. Faun. Chil.* 145—Plociomerus Chilensis, *Sgnt. A. S. E. F. 4me Sér.* iii. 562.

Chili.

19. PLOCIOMERUS OCHROCERAS.

Plociomera ochroceras, *Stal, Rio Jan. Hem.* 39.

Rio Janeiro. Para. Isle Tahiti.

20. PLOCIOMERUS GRACILIPES.

Plociomera gracilipes, *Stal, Rio Jan. Hem.* 40.

Rio Janeiro.

21. PLOCIOMERUS VICINUS.

Plociomera vicina, *Stal, Rio Jan. Hem.* 40.

Rio Janeiro.

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22. PLOCIOMERUS BRACHIALIS.

Plociomera brachialis, *Stal*, *Rio Jan. Hem.* 39.

Rio Janeiro.

23. PLOCIOMERUS FŒDUS.

Plociomera fœda, *Stal. Rio Jan. Hem.* 40.

A Beoso minimo, *Guer.*, haud differt nisi femoribus annulo fusco destitutis membranaque abbreviata, *Stal.*

Rio Janeiro.

24. PLOCIOMERUS QUADRISTILLATUS.

Plociomera quadristillata, *Stal*, *Rio Jan. Hem.* 41.

Rio Janeiro.

25. PLOCIOMERUS TINEODES.

———, *Stoll*, *Cim.* pl. 21, f. 146 B—Pachymerus tineodes, *Klug*, *Burm. Handb. Ent.* ii. 294.

Rio Janeiro.

26. PLOCIOMERUS MACULATUS.

Plociomerus maculatus, *Serv. Hem.* 255—Burmeisteri, *Guér. Stal*, *A. S. E. F.* 4*me Sér.* v. 187.

Cayenne.

South Africa.

27. PLOCIOMERUS APICATUS.

Rhyparochromus apicatus, *Stal*, *Ofv. K. V. Ak. Forh.* 1855, 34—Plociomera apicata, *Stal*, *Hem. Afr.* ii. 157.

Caffraria. Mauritius.

28. PLOCIOMERUS ATTENUATUS.

Rhyparochromus attenuatus, *C. H.* 579—Rhyparochromus paganus, *Stal*, *Ofv. K. V. Ak. Forh.* 1855—Plociomera attenuata, *Stal*, *Hem. Afr.* ii. 158.

a. Natal. From Dr. Krauss' collection.

29. PLOCIOMERUS PROXIMUS.

Rhyparochromus proximus, *C. H.* 579—Rhyparochromus Natalensis, *Stal*, *Ofv. K. V. Ak. Forh.* 1855, 34—Plociomerus Nabizoides, *Sgnt. A. S. E. F.* 3*me Sér.* viii. 951—Plociomera proxima, *Stal*, *Hem. Afr.* ii. 158.

Sicily? Madagascar. South Africa.

a. Sierra Leone. Presented by the Rev. D. F. Morgan.
b. China. Presented by G. T. Lay, Esq.

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30. Plociomerus afer.

Plociomera afra, *Stal, Hem. Afr.* ii. 160.

Caffraria.

31. Plociomerus Capucinus.

Plociomera Capucina, *Stal, Hem. Afr.* ii. 160.

Bombon.

32. Plociomerus triguttatus.

Plociomerus triguttatus, *Guér., A. S. E. F. 3me Sér.* viii. 951—Heræus triguttatus, *Stal, Stett. Ent. Zeit.* xxiii. 315.

Madagascar.

33. Plociomerus Seychellesus.

Testaceus, longi-ellipticus; caput, prothorax antice, scutellum, pectus et abdomen nigra; rostrum testaceum; antennæ testaceæ, corpore multo breviores, articulo 4o piceo; prothoracis sulcus transversus posticus; membrana diaphana.

Testaceous, shining, elongate-elliptical, very finely punctured. Head, prothorax from the fore border to the transverse furrow, scutellum, abdomen and under side black. Head conical. Eyes piceous, not prominent. Rostrum and antennæ testaceous. Antennæ slender, much shorter than the body; first joint much shorter than the head; second much longer than the first; third shorter than the second; fourth piceous, nearly as long as the second. Prothorax elongate, narrower in front, with a transverse furrow near the hind border. Scutellum testaceous on each side and at the tip. Legs testaceous, slender; fore femora slightly incrassated. Wings extending to the tip of the abdomen; membrane and hind wings pellucid. Length of the body 3—3½ lines.

Closely allied to P. Nabiformis, but without the black dot of the corium in the latter.

a. b. Seychelles. Presented by Prof. Percival Wright.

34. Plociomerus reductus.

Mas. *Niger, longi-fusiformis; rostrum coxas anticas paullo superans; antennæ testaceæ, corpore breviores, articulo 4o nigro; prothoracis sulcus transversus medius valde determinatus; pedes testacei, femoribus anticis nigris apice testaceis; corium testaceum, nigro unistrigatum; membrana diaphana.* Var. *β.—Prothorax postice testaceus.*

Male. Black, elongate-fusiform, shining, very finely punctured. Head short-conical. Eyes rather prominent. Rostrum extending a little beyond the fore coxæ. Antennæ testaceous, slender, filiform, somewhat shorter than the body; first joint much shorter than the head; second about twice the length of the first; third much shorter than the second; fourth black, longer than the third, shorter than the second. Prothorax much narrower in front, with a strongly-marked transverse middle furrow.

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Legs testaceous, slender; fore femora black, incrassated, testaceous at the tips. Wings extending to the tip of the abdomen; corium testaceous, with a black streak along the exterior border; membrane and hind wings pellucid. *Var.* β.—Prothorax mostly testaceous between the transverse furrow and the hind border. Length of the body 2 lines.

a, *b*. Seychelles. Presented by Prof. Percival Wright.

Asia.

35. PLOCIOMERUS RUFIPES.

Plociomerus rufipes, *Motsch. Bull. Soc. Nat. Mosc.* xxxix. 188.

Japan.

36. PLOCIOMERUS NIETNERI.

Nietneri, *Dohrn*, *Stett. Ent. Zeit.* xxi. 404—Plociomera Nietneri, *Stal*, *Ofv. K. V. Ak. Forh.* 1870, 663.

Ceylon. Philippine Isles.

37. PLOCIOMERUS MALAYUS.

Plociomera Malaya, *Stal*—Gyndes Malayus, *Stal*, *Stett. Ent. Zeit.* xxiii. 314.

Malacca.

Australia.

38. PLOCIOMERUS SIDNICUS.

Plociomera Sidnica, *Stal*—Fontejus Sidnicus, *Stal*, *Stett. Ent. Zeit.* xxiii. 315.

Sidney.

Country unknown.

39. PLOCIOMERUS PIRATOIDES.

piratoides, *Costa*, *Ann. Mus. Zool. Nap.* ii. 78.

Genus 18. ORTHÆA, *C. H.* 580.

1. ORTHÆA CONSUTA, *C. H.* 580.

a. Columbia. From M. Goudot's collection.

2. ORTHÆA? GUTTATA, *C. H.* 580.

a, *b*. Jamaica. From Mr. Children's collection.
c. Jamaica. Presented by W. W. Saunders, Esq.

Genus 19. GASTRODES.

Platygaster, *Schill. Beitr.* 83—Gastrodes, *Serv.*—Homalodema, *Fieb. Eur. Hem.* 187.

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1. GASTRODES ABIETIS.

———, *Deg. Ins.* iii. pl. 15, f. 20, 21—Cimex Abietis, *Linn. Syst. Nat.* 2, 732. *Panz. Faun. Germ.* 92, 22—Miris Abietis, *Fabr. Syst. Rhyn.* 256—Lygæus Abietis, *Fall. Hem.* 61—Platygaster Abietis, *Schill. Beitr.* 83—Homalodema Abietis, *Fieb. Eur. Hem.* 187.

Europe.

2. GASTRODES FERRUGINEUS.

Platygaster ferrugineus, *C. H.* 581.

a—k. England. From Mr. Stephens' collection.
i. England. From Mr. Vigors' collection.
j. England. Presented by F. Walker, Esq.
k—m. England.
n. Europe. From Mr. Children's collection.

3. GASTRODES TERMINALIS.

Fœm. *Piceus, subovalis; antennæ corpore multo breviores, articulo 4o albido; prothorax lateribus reflexis, margine postico fulvo; pedes testacei; corii costa fulva; membrana cinerea.*

Female. Piceous, nearly oval, minutely punctured. Head lanceolate, full as long as the prothorax. Eyes not prominent. Antennæ slender, much shorter than the body; first joint shorter than the head; second longer than the first; third shorter than the first; fourth whitish, nearly as long as the second. Prothorax transverse, much narrower in front; sides reflexed; hind border tawny. Legs testaceous. Wings extending to the tip of the abdomen. Corium of the fore wings with the costa tawny; membrane cinereous. Length of the body 3¼ lines.

a. Celebes. Presented by W. W. Saunders, Esq.

Genus 20. OXYCARENUS.

Stenogaster, *C. H.* 581—Oxycarenus, *Fieb. Weit. Beit.* 1836, 339. *Eur. Hem.* 205.

Camptotelus, Brachyplax, Macroplax, Metopoplax, Microplax and Macropterna, of Fieber, are here included with Oxycarenus. The name Stenogaster was used in Coleoptera and in Diptera before it was employed for Hemiptera.

A. Rostrum extending to the second ventral segment. - OXYCARENUS.
B. Rostrum extending to the fore part of the middle pectus; first joint not half so long as the head; second extending to the hind border of the head. CAMPTOTELUS.
C. Rostrum short.
a. First joint of the rostrum not half the length of the head; second extending to the border of the neck. - - - - - - BRACHYPLAX.

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b. First joint of the rostrum very short, extending only a little behind the very small tubercles of the anteunæ; second extending somewhat beyond the fore pectus.

* Tarsi stout. - - - - - MICROPLAX.
** Tarsi slender. - - - - - MACROPTERNA.
D. Rostrum extending to the hind border of the pectus. MACROPLAX.
E. Rostrum extending to the middle of the hind pectus. METOPOPLAX.

1. OXYCARENUS LAVATERÆ.

Stenogaster Lavateræ, *C. H.* 581.

a. Tunis. From Mr. Fraser's collection.
b. Sierra Leone. Presented by the Rev. D. F. Morgan.

2. OXYCARENUS PALLENS.

Stenogaster pallens, *H.-Sch. Wanz. Ins.* ix. 215, pl. 314, f. 963—Oxycarænus pallens, *Fieb. Eur. Hem.* 206.

Hungary. Spain.

3. OXYCARENUS LEUCOPTERUS.

leucopterus, *Fieb. Rhyn.* 42; *Eur. Hem.* 206.

Italy. Portugal. Syria. Cape.

4. OXYCARENUS MODESTUS.

Lygæus modestus, *Fall. Hem. Iv.* 57—Oxycarenus Spitzyi, *Fieb. Weit. Beitr.* pl. 2, f. 12; *Rhynch.* 40—Oxycarenus modestus, *Fieb. Eur. Hem.* 206.

Sweden. Finland. Germany.

5. OXYCARENUS LINEOLATUS.

Heterogaster lineolatus, *Schill. Beitr.* 89. pl. 8, f. 4—Heterogaster costatus, *H.-Sch. Wanz. Ins.* vi. 34, pl. 192, f. 592—Heterogaster cistalis, *H.-Sch. Wanz. Ins.* ix. 216—Oxycarenus lineolatus, *Fieb. Rhynch.* 42; *Eur. Hem.* 205.

South Europe.

6. OXYCARENUS ALBIDUS.

Brachyplax albidus, *Fieb. Eur. Hem.* 206.

Corsica.

7. OXYCARENUS PREYSSLERI.

Preyssleri, *Fieb. Weit. Beit.* 1836, 313, pl. 2, f. 17; *Rhynch.* 43; *Eur. Hem.* 207.

According to Thomson this species = O. Modestus, Var. β. *Fall.* = O. fuscovenosus, *Dahlb.*

Germany. Sicily.

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8. Oxycorenus Helferi.

Helferi, *Fieb. Weit. Beitr.* i. 343, pl 2, f. 16; *Rhynch.* 39; *Eur. Hem.* 207—Heterogaster fasciatus, *H.-Sch. Panz. Faun. Germ.* 135, 19—Stenogaster insignis? *Costa, Cim. Neap.* i. pl. 1, f. 7.

Dr. Signoret supposes Stenogaster insignis to be identical with Pedeticus marmoratus, *De Lap.*, and with Lygæus modestus, *Fall.*

South France. Portugal. Sicily. Corsica.

9. Oxycarenus ditomoides.

Stenogaster ditomoides, *Costa, Cim.* ii. pl. 3, f. 8. *H.-Sch. Wanz. Ins.* ix. 216, pl. 314, f. 964—Cymus Origani, *Kol. Mel. Sp.* 61—Metopoplax ditomoides, *Fieb. Eur. Hem.* 207.

South Europe.

10. Oxycarenus plagiatus.

plagiatus, *Fieb. Weit. Beitr.* 342, pl. 18, f. 4; *Rhynch.* 44—Microplax plagiatus, *Fieb. Eur. Hem.* 207.

Spain.

11. Oxycarenus interruptus.

interruptus, *Fieb. Weit. Beitr.* i. 315, pl. 2, f. 19; *Rhynch.* 43—Cymus Origani, *Kol. Mel.* Sp. 61, pl. 10, f. 19—Heterogaster lineolatus, *H.-Sch. Panz. Faun. Germ.* 121—Microplax interruptus, *Fieb. Eur. Hem.* 208.

Germany. Caucasus.

12. Oxycarenus dimidiatus.

Microplax dimidiatus, *Fieb. Eur. Hem.* 208.

South France.

13. Oxycarenus inermis.

inermis, *Fieb. Rhynch.* 40—Macropterna inermis, *Fieb. Eur. Hem.* 208.

Servia.

14. Oxycarenus convexus.

convexus, *Fieb. Weit. Beitr.* i. 345, pl. 2, f. 20; *Rhynch.* 44—Macropterna convexa, *Fieb. Eur. Hem.* 208—O. Siculus?

Sicily.

15. Oxycarenus siculus.

Stenogaster siculus, *H.-Sch. Wanz. Ins.* ix. 217.

Messina.

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16. Oxycarenus marginalis.

Macropterna marginalis, *Fieb. Eur. Hem.* 208.
France.

17. Oxycarenus bicolor.

Macropterna bicolor, *Scott, Ent. M. Mag.* viii. 193.
Corsica.

18. Oxycarenus linearis.

Brachyplax linearis, *Scott, Ent. M. Mag.* viii. 193.
Corsica.

North America.

19. Oxycarenus coriacipennis.

coriacipennis, *Stal, Eug. Resa*, 247.
California.

South Africa.

20. Oxycarenus annulipes.

Stenogaster annulipes, *C. H.* 582.
a. Cape. From M. Drégé's collection.

21. Oxycarenus pallidipennis.

Stenogaster pallidipennis, *C. H.* 582.
a. Cape. From M. Drégé's collection.

22. Oxycarenus maculatus.

maculatus, *Stal, Ofv. K. V. Ak. Forh.* 1854, 235; *Eug. Resa*, 247; *Hem. Afr.* ii. 152.
Cape.

23. Oxycarenus tabidus.

tabidus, *Stal, Hem. Afr.* ii. 152.
Cape.

24. Oxycarenus cruralis.

cruralis, *Stal, Ofv. K. V. Ak. Forh.* 1856, 196; *Hem. Afr.* ii. 151.
Cape.

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25. Oxycarenus albidipennis.

albidipennis, *Stal, Ofv. K. V. Ak. Forh.* 1853, 35; *Hem. Afr.* ii. 151.

Caffraria.

26. Oxycarenus Fieberi.

Fieberi, *Stal, Ofv. K. V. Ak. Forh.* 1853, 35; *Hem. Afr.* ii. 151.

Caffraria.

27. Oxycarenus rufiventris.

Stenogaster rufiventris, *Germ. Silb. Rev. Ent.* v. 141—Oxycarenus rufiventris, *Fieb. Rhynch.* 42. *Stal, Hem. Afr.* ii. 151.

Caffraria.

28. Oxycarenus luctuosus.

Macroplax luctuosus, *Mtrz. A. S. E. F.* 4*me Sér.* i.

Lifu.

Genus 21. ISCHNODEMUS.

Ischnodemus, *Fieb. Weit. Beitr.* i. 337; *Eur. Hem.* 163—Micropus, *Spin. Ess. Gen. Hem.* 111. *C. H.* 582.

1. Ischnodemus blissoides.

Micropus blissoides, *Barensp. Berl. Ent. Zeit.* 1859, 333, pl. 6, f. 2. *Sign. A. S. E. F.* 1857—Ischnodemus blissoides, *Fieb. Eur. Hem.* 163—Lygæus fulvipennis? *Deg. Ins.* pl. 35, f. 31.

Greece.

2. Ischnodemus sabuleti.

Lygæus sabuleti, *Fall. Hem.* 62—Micropus sabuleti? *Sgnt. A. S. E. F.* 1857, 29, pl. 2, f. 7, 8— Ischnodemus quadratus, *Fieb. Weit. Beitr.* i. 338, pl. 2, f. 11—Pachymerus parallelus, *Costa, Cent.* 1841—Ischnodemus sabuleti, *Fieb. Eur. Hem.* 163.

Europe

3. Ischnodemus decurtatus.

Pachymerus decurtatus, *H.-Sch. Wanz. Ins.* iv. 10, pl. 113, f. 355—Micropus Genei, *Sgnt. A. S. E. F.* 3*me Sér.* v. 30, pl. 2. f. 9—Ischnodemus decurtatus, *Fieb. Eur. Hem.* 164.

a—d. France. Presented by W. W. Saunders, Esq.

4. Ischnodemus Spinolæ.

Micropus Spinolæ, *Sgnt. A. S. E. F.* 3*me Sér.* v. 30, pl. 2, f. 10—Ischnodemus Spinolæ, *Fieb. Eur. Hem.* 164.

France.

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5. ISCHNODEMUS CURTULUS.

Micropus curtulus, *Dohrn, Stett. Ent. Zeit.* xxi. 161, pl. 1, f. 12—Ischnodemus curtulus, *Fieb. Eur. Hem.* 387.

Andalusia.

North America.

6. ISCHNODEMUS FULVIPES.

Micropus fulvipes, *C. H.* 582.

a—g. North America. Presented by E. Doubleday, Esq.

7. ISCHNODEMUS LEUCOPTERUS.

Pachymerus leucopterus, *Say*—Micropus leucopterus, *Shimer, Proc. Acad. Nat. Sci. Phil.* 1867, 75. *Walsh, Amer. Ent.* i. 169. *Riley, Pract. Ent.* i. 47.

The Chinch bug.

a. North America. Presented by F. Walker, Esq.

Mexico.

8. ISCHNODEMUS LONGUS.

Mas. *Niger, longus, linearis, cinereo tomentosus; caput parvum, lobo medio carinato; rostrum testaceum, coxas intermedias attingens; antennæ atræ, corporis dimidio non longiores; prothorax postice testaceo biguttatus; scutellum testaceo marginatum; abdominis latera testacea; pedes testacei, breves; corium testaceo bivittatum; membrana albido marginata.*

Male. Black, long, narrow, linear, with cinereous tomentum. Head small; middle lobe elevated, forming a keel. Eyes small, rather prominent. Rostrum testaceous, extending to the middle coxæ. Antennæ deep black, slender, about half the length of the body; first joint much shorter than the head; second more than twice the length of the first; third much shorter than the second; fourth hardly shorter than the third. Prothorax narrower in front, with no transverse furrow; a small round shining testaceous callus on each hind angle, which is rounded. Scutellum elongate-triangular, testaceous-bordered. Abdomen with testaceous sides; two apical ventral segments much retracted. Legs testaceous, short, slender. Fore wings somewhat shorter than the abdomen; corium with two pale testaceous stripes, of which the fore one widens towards the tip; membrane whitish-bordered, with slightly undulating veins. Length of the body 4½ lines.

a. Orizaba. From M. Sallé's collection.

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South America.

9. Ischnodemus Gayi.

Micropus Gayi, *Spin. Faun. Chil.* 180, pl. 1, f. 11. *Sgnt. A. S. E. F.* 3*me Sér.* iii. 27; 4*me Sér.* iii. 565.

Chili.

10. Ischnodemus agilis.

Micropus agilis, *Spin. Faun. Chil.* 182, pl. 1, f. 10. *Sgnt. A. S. E. F.* 3*me Sér.* ii. 28, pl. 2, f. 6; 4*me Sér.* iii. 565.

Chili.

11. Ischnodemus fuscovenosus.

fuscovenosus, *Stal, Rio Jan. Hem.* 42.

Rio Janeiro.

12. Ischnodemus tibialis.

tibialis, *Stal, Eug. Resa*, 248.

Rio Janeiro.

13. Ischnodemus dilutipes.

dilutipes, *Stal, Rio Jan. Hem.* 42.

Rio Janeiro.

14. Ischnodemus lævus.

lævus, *Stal, Rio Jan. Hem.* 42.

Rio Janeiro.

15. Ischnodemus nigrostillatus.

nigrostillatus, *Stal, Rio Jan. Hem.* 42.

Rio Janeiro.

16. Ischnodemus tibialis.

tibialis, *Stal, Rio Jan. Hem.* 42.

Rio Janeiro.

17. Ischnodemus velutinus.

Fœm. *Piceus, planus, longissimus; oculi valde prominuli; antennæ nigræ, breves, articulo 2o setuloso; prothorax callis duobus anticis parvis, lateribus rotundatis; abdominis latera testacea; femora lutea, incrassata, subtus denticulata, apices versus nigra; membrana ferruginea, piceo venosa.*

Female. Piceous, linear, flat, very long. Head very small, broader than the fore border of the prothorax. Eyes very prominent. Rostrum pale testaceous, extending to the fore coxæ. Antennæ black, rather stout, about one-third of the length of the body; second joint setulose, more than

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twice the length of the first; third a little shorter than the second; fourth longer than the third. Prothorax conical, with a small smooth callus on each side of the disk near the fore border. Abdomen testaceous along each side. Legs moderately long; femora incrassated, denticulated beneath; fore femora luteous at the base; four hinder femora luteous, black towards the tips. Wings not extending to the tip of the abdomen; membrane ferruginous, with piceous veins. Length of the body 6 lines.

a. Petropolis. Presented by J. Gray, Esq.

South Africa.

18. Ischnodemus brunnipennis.

Micropus brunnipennis, *C. H.* 582.

a. Cape. From M. Drégé's collection.

19. Ischnodemus pusillus.

Micropus pusillus, *C. H.* 582.

a. Cape. From M. Drégé's collection.

20. Ischnodemus pallidipennis.

pallidipennis, *Stal. Eug. Resa*, 248.

Cape.

21. Ischnodemus fusco-nervosus.

Micropus fusco-nervosus, *Stal, Ofv. K. V. Ak. Forh.* 1855, 35—Blissus fusco-nervosus, *Stal, Hem. Afr.* ii. 122.

Caffraria.

22. Ischnodemus ochropus.

Micropus ochropus, *Stal, Ofv. K. V. Ak. Forh.* 1855, 35—Blissus ochropus, *Stal, Hem. Afr.* ii. 123.

Caffraria.

23. Ischnodemus rusticus.

Blissus rusticus, *Stal, Hem. Afr.* ii. 123.

Cape.

24. Ischnodemus brevicornis.

Micropus brevicornis, *Stal, Ofv. K. V. Ak. Forh.* 1855, 35—Blissus brevicornis, *Stal, Hem. Afr.* ii. 123.

Caffraria.

25. Ischnodemus linearis.

Micropus linearis, *Stal, Ofv. K. V. Ak. Forh.* 1855, 35—Blissus linearis, *Stal, Hem. Afr.* ii. 124.

Caffraria.

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26. Ischnodemus discolor.

Micropus discolor, *Walk. Zool. 2nd Ser.* 2378.

Harkeko.

27. Ischnodemus strigatus.

Fœm. *Niger, planus, longissimus; rostrum fulvum, coxas posticas attingens; antennæ fulvæ; prothorax longitrorsum et transverse subsulcatus, fascia postice fulva; pectus fulvo bimaculatum; venter apicem versus rufescente vittatus; pedes fulvi, breves; alæ anticæ piceæ, breves, basi testaceæ piceo venosæ.*

Female. Black, linear, flat, very long. Head small, transverse, a little broader than the fore border of the prothorax. Eyes small, not prominent. Rostrum tawny, extending to the hind coxæ. Antennæ tawny, slender; second joint more than twice the length of the first. Prothorax much narrower in front, rather thinly punctured, with a slight transverse furrow and a slight longitudinal furrow; a tawny band along the hind border. Pectus with a tawny spot on each side near the middle coxæ. Abdomen with a reddish stripe beneath near the tip. Legs tawny, short. Wings not extending to the tip of the abdomen. Fore wings piceous, testaceous and with piceous veins towards the base. Hind wings pellucid. Length of the body 4 lines.

The black middle lobe of the head and the colour of the fore wings distinguish it from I. fusconervosus.

a. South Africa. Presented by Sir A. Smith.

28. Ischnodemus basalis.

Mas. *Piceus, longus, planus, fere linearis; caput antice conicum; antennæ setulosæ, corporis dimidio vix breviores; prothorax sulcis duobus transversis valde indeterminatis; scutellum ferrugineum, macula basali triangulari; pedes fulvi, femoribus incrassatis; corium ferrugineum, testaceo uniguttatum; membrana pallide cinerea, piceo venosa.*

Male. Piceous, dull, long, slender, flat, nearly linear. Head short conical in front, much broader than the fore border of the prothorax. Eyes not prominent. Antennæ slender, setulose, nearly half the length of the body; first joint stout, much shorter than the head; second more than twice the length of the first; third a little shorter than the second; fourth as long as the third. Prothorax elongate, nearly conical, with two very indistinct transverse furrows. Scutellum ferruginous, with a basal piceous triangular mark. Legs tawny, short; femora incrassated, fore femora especially so. Fore wings ferruginous, more than half the length of the abdomen; corium with a pale testaceous dot in the disk; membrane pale cinereous, with piceous veins. Length of the body 5½ lines.

The longer antennæ of this species distinguish it from I. brevicornis.

a. Natal. From M. Gueinzius' collection.

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29. ISCHNODEMUS MULTILINEA.

Fœm. *Niger, convexus, fere cylindricus; rostrum coxas intermedias attingens; antennæ piceæ, corporis dimidio æquilongæ; prothorax sulco postico transverso albo bene determinato, lateribus subrotundatis; propectus et metapectus albo marginata; pedes breves, femoribus anticis valde incrassatis, tibiis tarsisque anticis ferrugineis; corium lineis quatuor basalibus striga macula guttaque albis; membrana nigricans, albido strigata. gutta basali costali alba.*

Female. Black, convex, shining, narrow, nearly cylindrical, very finely punctured. Head transverse, triangular, a little narrower than the fore border of the prothorax. Eyes slightly prominent. Rostrum extending to the middle coxæ. Antennæ piceous, slender, about half the length of the body; first joint rather stout; second nearly twice the length of the first; third a little shorter than the second; fourth as long as the second. Prothorax rather narrower in front; sides slightly rounded; a well-defined transverse furrow near the hind border, accompanied by a white band. Hind border of the propectus and that of the metapectus white. Fore femora much incrassated; fore tibiæ and fore tarsi ferruginous. Wings extending to the tip of the abdomen. Corium of the fore wings at the base with four white lines, with a lanceolate costal white streak, and with an exterior white spot which is accompanied by a white dot; membrane blackish, with whitish streaks and with a white costal dot at the base. Length of the body 3 lines.

a. Cape. Presented by W. W. Saunders, Esq.

South Asia.

30. ISCHNODEMUS VARIPENNIS.

Mas. *Niger, planus, glaber, longissimus; caput parvum, lobo medio fulvo; rostrum fulvum, coxas anticas attingens; antennæ brevissimæ, articulis 1o 2oque pallide flavis; prothorax sulco transverso lato subtilissime punctato, lateribus subrotundatis; pedes brevissimi, femoribus quatuor posterioribus incrassatis, femoribus anticis valde incrassatis subtus spinulosis; alæ anticæ breves, basi fasciaque arcuata albis.*

Male. Black, flat, smooth, shining, narrow, linear, very long. Head small, transverse, as broad as the fore border of the prothorax; middle lobe tawny. Eyes small, not prominent. Rostrum tawny, extending to the fore coxæ. Antennæ slender, less than one-fourth of the length of the body; first and second joints pale yellow; second about twice the length of the first; third shorter than the second; fourth a little longer than the second. Prothorax elongate, slightly rounded on each side, much narrower in front; a broad transverse, very shallow, very finely punctured furrow, which is somewhat behind the middle. Legs tawny, very short; femora incrassated, the fore femora especially so and spinulose beneath. Wings much shorter than the abdomen. Fore wings white towards the base, with an inward-curved white band beyond the middle, and with white tips. Length of the body 4 lines.

a. Cambodia. From M. Mouhot's collection.

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31. Ischnodemus centralis.

Mas et fœm. *Niger, planus, angustus; rostrum coxas anticas attingens; antennæ breves, articulo 1o toto 2oque basi fulvis; prothorax longitrorsum unistriatus, fascia punctata, lateribus rotundatis; pedes fulvi, breves, femoribus incrassatis; alæ anticæ breves, basi macula discali margineque interrupto albis.*

Male and female. Black, flat, shining, smooth, narrow, linear. Head small, transverse, as broad as the fore border of the prothorax. Eyes slightly prominent. Rostrum extending to the fore coxæ. Antennæ slender, less than one-third of the length of the body; first joint tawny; second much longer than the first, tawny towards the base; third shorter than the second; fourth longer than the second. Prothorax elongate, much narrower in front, rounded on each side, with a slight longitudinal impressed line and a slight transverse impressed line, the latter adjoining the fore side of a finely punctured band. Legs tawny, short; femora incrassated. Wings a little more or less than half the length of the body. Fore wings white at the base, with a white spot in the disk and with a white border which is interrupted on the costa. Length of the body 2½—3 lines.

a, b. Ceylon. From Mr. Janson's collection.

32. Ischnodemus punctatus.

Niger, planus, linearis, longissimus; caput parvum, lobo medio prominulo; rostrum coxas anticas attingens; antennæ breves; prothorax transverse subsulcatus, lateribus anticis rotundatis, fascia postica rude punctata, margine postico excavato; femora quatuor posteriora incrassata; femora antica valde incrassata, subtus denticulata; alæ breves; corium album, nigro venosum et unistrigatum; membrana basi margineque albis.

Black, very long, narrow, linear. Head small, transverse, very finely punctured, as broad as the fore border of the prothorax; middle lobe prominent. Eyes slightly prominent. Rostrum extending to the fore coxæ. Antennæ slender, less than one-fourth of the length of the body; first joint stout; second twice the length of the first; third much shorter than the second; fourth elongate-fusiform, a little longer than the second. Prothorax elongate, rounded on each side in front, with a slight transverse middle furrow; fore part finely punctured; a coarsely-punctured band adjoining the hind side of the furrow; hind border excavated in the middle. Legs short; four hinder femora incrassated; fore femora much incrassated, denticulated beneath. Wings much shorter than the abdomen. Corium of the fore wings white, with black veins, and with a black streak which extends from the disk to the exterior border; membrane white at the base and with a white border. Length of the body 5 lines.

a. North Hindostan. From Capt. Boyes' collection.

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33. Ischnodemus sulcatus.

Mas. *Niger, longissimus, hirsutus, fere cylindricus; rostrum coxas anticas attingens; antennæ brevissimæ, articulo 1o fulvo; prothorax sulco longitudinali bene determinato; pedes fulvi, breves, femoribus quatuor posterioribus incrassatis, femoribus anticis valde incrassatis subtus dentatis, tibiis tarsisque anticis brevissimis his clavatis subtus dentatis.*

Male. Black, smooth, shining, hirsute, very long and narrow, nearly cylindrical. Head small, conical, narrower than the fore border of the prothorax; middle lobe prominent. Eyes slightly prominent. Rostrum extending to the fore coxæ. Antennæ rather stout, about one-sixth of the length of the body; first joint tawny; second about half the length of the first; third as long as the second; fourth elongate-fusiform, longer than the first. Prothorax elongated, narrower in front, with a strongly-marked longitudinal furrow. Legs tawny; four posterior legs short, with incrassated femora; middle legs much shorter than the hind legs; fore femora extremely incrassated, dentate beneath; fore tibiæ clavate, dentate beneath, very short, as are also the fore tarsi. Wings extending nearly to the tip of abdomen. Length of the body 4½ lines.

a. Mount Ophir. Presented by W. W. Saunders, Esq.

34. Ischnodemus talpa.

Mas. *Niger, planus, linearis; caput conicum, minimum; rostrum coxas intermedias attingens; antennæ brevissimæ; prothorax brevis, transverse subsulcatus, lateribus rotundatis; pedes breviusculi, femoribus quatuor posterioribus subincrassatis, femoribus anticis valde incrassatis subtus spinulosis et fortiter unispinosis, tibiis anticis subarcuatis apice bicalcaratis, tarsis anticis brevissimis; corium ferrugineum; membrana apice albida.*

Male. Black, flat, linear, smooth, shining. Head conical, very small, narrower than the fore border of the prothorax. Eyes slightly prominent. Rostrum extending to the middle coxæ. Antennæ rather stout, a little less than one-fourth of the length of the body; second joint about half the length of the first; third much shorter than the second; fourth longer than the second. Prothorax transverse, thinly punctured, rounded on each side and much narrower towards the fore border, with a very slight transverse middle furrow. Legs rather short; four posterior femora slightly incrassated; fore femora extremely incrassated, with a stout curved spine and with some smaller spines beneath; fore tibiæ stout, slightly curved, with two apical spurs; fore tarsi very short. Wings extending to the tip of the abdomen. Corium of the fore wings ferruginous; membrane whitish at the tip. Length of the body 5½ lines.

The fore legs of this species are fossorial, but less so than those of I. sulcatus.

a. Mount Ophir. Presented by W. W. Saunders, Esq.

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Australia.

35. Ischnodemus divisus.

Fœm. *Niger, planus, linearis; caput parvum, lobo intermedio prominulo; rostrum fulvum, coxas intermedias attingens; antennæ brevissimæ; prothorax sulco transverso postico lato; pedes fulvi, breviusculi, femoribus quatuor posterioribus subincrassatis, femoribus anticis valde incrassatis subtus dentatis; corium albidum, nigro unimaculatum et oblique unifasciatum; membrana albo marginata.*

Female. Black, flat, narrow, linear, slightly shining. Head small, a little broader than the fore border of the prothorax; middle lobe prominent. Eyes not prominent. Rostrum tawny, not extending to the middle coxæ. Antennæ not more than one-fourth of the length of the body; second joint about twice the length of the first; third much shorter than the second. Prothorax short-conical, with a broad shallow whitish transverse furrow near the hind border. Legs tawny, rather short; four hinder femora slightly incrassated; fore femora much incrassated, dentate beneath. Wings not extending to the tip of the abdomen. Corium of the fore wings whitish, with a black oblique band extending from the exterior border to the costa, and with a black spot on the interior angle; membrane bordered with white. Length of the body 4 lines.

a. Victoria River Department, N. Australia. Presented by J. R. Elsey, Esq.

Genus 22. TETRALACCUS.

Tetralaccus, *Fieb. Eur. Hem.* 164.

1. Tetralaccus Röseli.

Lygæus Röseli, *Schml. Beitr. Ent.* 60, pl. 3, f. 2—Tetralaccus Röseli *Fieb. Eur. Hem.* 164.

Germany.

2. Tetralaccus rusticus.

rusticus, *Stal, Berl. Ent. Zeit.* x. 163.

North Australia.

Genus 23. BLISSUS, *C. H.* 583.

1. Blissus albipennis, *C. H.* 583.

a. ——— ? From Mr. Children's collection.
b. ——— ?

2. Blissus hirtulus.

hirtulus, *Klug, Symb. Phys.* v. pl. 43, f. 10.

Alexandria.

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3. Blissus oblongus.

Lygæus oblongus, *Fabr. Syst. Rhyn.* 232 — Blissus (Ischnodemus) oblongus, *Stal. Hem. Fabr.* i. 69.

South America.

4. Blissus oblongus (N. bislectum).

oblongus, *Stal, Hem. Afr.* ii. 124.

Cape.

5. Blissus gibbus.

Acanthia gibba, *Fabr. Ent. Syst.* iv. 75—Coreus gibbus, *Fabr. Syst. Rhyn.* 202—Blissus gibbus, *Stal, Hem. Fabr.* i. 69.

Hindostan.

Genus 24. OPHTHALMICUS, *C. H.* 583.

Europe.

1. Ophthalmicus Grylloides, *C. H.* 583.

a. Europe. From Mr. Children's collection.

2. Ophthalmicus albipennis, *C. H.* 584.

Salda Steveni, *St. Farg. Enc. Meth.* x. 321.

a. Italy.

3. Ophthalmicus pallidipennis.

pallidipennis, *Costa, Mon. Ophth.*—albipennis, *Sahlb. Geoc.* 73—angularis, *C. H.* 584.

a. France. Presented by W. W. Saunders, Esq.
b. Europe. From Mr. Children's collection.

4. Ophthalmicus Siculus, *C. H.* 584.

a. Sicily. From Mr. Melly's collection.

5. Ophthalmicus erythrocephalus.

Salda erythrocephala, *Lep. St. Farg. Enc.* x, 35—Ophthalmicus erythrocephalus, *Fieb. Ent. Mon.* pl. 2, f. 24. *Eur. Hem.* 174—Ophthalmicus frontalis, *Frydv. H.-Sch. Wanz. Ins.* iv. pl. 117, f. 371.

South Europe.

6. Ophthalmicus Lapponicus.

Lapponicus, *Zett. Ins. Lapp.* 266. *Fieb. Ent. Mon.* 1241. *Eur. Hem.* 175—Geocoris albipennis? *Fall. Hem.* 70.

Lapland. Sweden.

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7. Ophthalmicus Ulrichi.

Ulrichi, *Fieb. Ent. Mon.* 122, pl. 10, f. 6; *Eur. Hem.* 175—dispar, *Waga, A. S. E. F.* viii. 523, pl. 1, f. 2.

East Europe.

8. Ophthalmicus pygmæus.

pygmæus, *Pict. Meyer. Fieb. Eur. Hem.* 175.

South Spain.

9. Ophthalmicus megacephalus.

Cimex megacephalus, *Rossi, Faun. Etr.* Sp. 1332—Ophthalmicus phæopterus, *Germ. Rev. Ent.* v. 136. *Fieb. Ent. Mon.* 121—Ophthalmicus megacephalus, *Fieb. Eur. Hem.* 176.

Europe.

10. Ophthalmicus semipunctatus.

semipunctatus, *Pict. Meyer. Fieb. Eur. Hem.* 176.

Pyrenees.

11. Ophthalmicus ater.

Acanthia atra, *Fabr. Ent. Syst.* 68. *Wolff. Ic.* f. 40—Salda atra, *Fabr. Syst. Rhyn.* 114. *Panz. Faun. Germ.* 92—Geocoris atra, *Fall. Hem.* 71—Ophthalmicus ater, *Schill. Beitr.* 62. *Wanz. Ins.* i. 88, pl. 14, f. 50. *Fieb. Ent. Mon.* pl. 10, f. 5; *Eur. Hem.* 177.

Europe.

12. Ophthalmicus distinctus.

distinctus, *Fieb. Eur. Hem.* 177.

Dalmatia. Spain.

13. Ophthalmicus lineola.

lineola, *Ramb. Faun. And.* 146. *Fieb. Eur. Hem.* 177.

Italy. Sicily. Spain.

14. Ophthalmicus albovittatus.

albovittatus, *Costa, Ann. Mus. Zool. Nap.* ii. 99.

Parma.

15. Ophthalmicus Genei.

Genei, *Costa, Ann. Mus. Zool. Nap.* ii. 107.

Sardinia.

16. Ophthalmicus arenarius.

arenarius, *Jakowlew, Hor. Soc. Ent. Ross.* iv. 151.

Astrachan.

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North America.

17. OPHTHALMICUS GRISEUS, *C. H.* 585.

a. North America. Presented by the Earl of Derby in 1843.

18. OPHTHALMICUS BOREALIS, *C. H.* 585.

a. Nova Scotia. From Lieut. Redman's collection.
b, *c*. ——— ? Presented by W. W. Saunders, Esq.

19. OPHTHALMICUS NIGER, *C. H.* 586.

a. North America. Presented by E. Doubleday, Esq.

20. OPHTHALMICUS TRISTIS.

Geocoris tristis, *Stal*, *Ofv. K. V. Ak. Forh.* 1854, 236. *Eug. Resa*, 249.
California.

21. OPHTHALMICUS PALLENS.

Geocoris pallens, *Stal*, *Eug. Resa*, 250.
California.

Mexico.

22. OPHTHALMICUS LIVIDIPENNIS.

Geocoris lividipennis, *Stal*, *Stett. Ent. Zeit.* xxiii. 311.
Mexico.

South America.

23. OPHTHALMICUS SOBRINUS.

Geocoris sobrina, *Blanch. Faun. Chil.* 155, pl. 1, f. 12—Ophthalmicus sobrinus, *Sgnt. A. S. E. F.* 4*me Sér.* iii. 565.
Chili.

24. OPHTHALMICUS PALLIDICEPS.

Geocoris pallidiceps, *Stal*, *Rio Jan. Hem.* 43.
Rio Janeiro.

25. OPHTHALMICUS PALLIPES.

Geocoris pallipes, *Stal*, *Eug. Resa*, 250.
Monte Video.

Africa.

26. OPHTHALMICUS RUFICEPS, *C. H.* 584.

a. Sierra Leone. Presented by the Rev. D. F. Morgan.

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27. OPHTHALMICUS MAURITII.

Geocoris Mauritii, *Stal, Ofv. K. V. Ak. Forh.* 1854, 236; *Eug. Resa*, 249; *Hem. Afr.* ii. 145.

Mauritius.

28. OPHTHALMICUS SIGNICOLLIS.

Geocoris signicollis, *Stal, Ofv. K. V. Ak. Forh.* 1854, 235; *Hem. Afr.* ii. 144.

Nubia.

29. OPHTHALMICUS AMABILIS.

Geocoris amabilis, *Stal, Ofv. K. V. Ak. Forh.* 1855, 35; *Hem. Afr.* ii. 144.

Caffraria.

South America.

30. OPHTHALMICUS TRICOLOR.

Cimex tricolor, *Fabr. Ent. Syst. Suppl.* 536—Lygæus tricolor, *Fabr. Syst. Rhyn.* 238—Geocoris tricolor, *Stal, Hem. Fabr.* i. 76.

Hindostan.

31. OPHTHALMICUS CINERASCENS.

Mas. *Niger, latus; caput luteum; antennæ nigræ, articulo* 1*o luteo apice nigro; pedes lutei; corium cinereum; membrana diaphana.*

Male. Black, broad, shining, finely punctured. Head luteous. Eyes piceous. Antennæ black, short, slender; first joint luteous, black at the tip. Legs luteous. Wings extending to the tip of the abdomen. Corium of the fore wings cinereous; membrane and hind wings pellucid. Length of the body 2¼ lines.

a, *b*. Hindostan. Presented by W. W. Saunders, Esq.

32. OPHTHALMICUS CINCTICORNIS.

Niger, latus; oculi sat magni, valde prominuli; antennæ crassæ, subclavatæ, corporis dimidio paullo longiores, articulis 1*o* 2*oque pallide flavis, fuscescente notatis,* 3*o piceo,* 4*o ochraceo basi piceo; pedes flavi, femoribus anticis luteis; corium album, nigro late bifasciatum.*

Black, broad, dull, very finely punctured. Head large. Eyes piceous, rather large, very prominent. Antennæ thick, subclavate, a little more than half the length of the body; first and second joints pale yellow, slender, each with a pale brown mark; second shorter than the first; third and fourth stout; third piceous, a little longer than the first; fourth ochraceous, piceous at the base, a little longer than the third. Prothorax short, narrower in front. Legs yellow, slender; fore femora luteous, incrassated.

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Wings not extending to the tip of the abdomen; corium white, with two broad black bands, one in the middle, the other apical. Length of the body 1¼ line.

a. Ceylon. Presented by Dr. Thwaites.

33. Ophthalmicus dispar.

Ferrugineus, crassus, fere ellipticus, antice niger; oculi sat magni, valde prominuli; antennæ testaceæ, corporis dimidio longiores, articulis 1o 4oque totis 2o 3oque basi piceis; prothoracis sulcus transversus medius valde determinatus; scutellum piceum; pedes pallide flavi; membrana diaphana.

Ferruginous, dull, thick, nearly elliptical, very minutely punctured. Head small, triangular. Head and anterior part of the prothorax black. Eyes piceous, very prominent, rather large. Antennæ testaceous, slender, more than half the length of the body; first joint piceous, short; second about twice the length of the first, piceous towards the base; third hardly more than half the length of the second, slightly piceous towards the base; fourth piceous, as long as the second. Prothorax short, narrower in front of the well-defined transverse middle furrow. Scutellum piceous. Legs pale yellow, slender. Wings extending to the tip of the abdomen; membrane pellucid. Length of the body 1¼ line.

a. Ceylon. Presented by Dr. Thwaites.

34. Ophthalmicus discifer.

Testaceus, crassus, subtus niger; capitis margo posticus niger; oculi rufi, maximi, valde prominuli; antennæ nigræ, corporis dimidio paullo longiores; prothoracæ sulco transverso medio piceo; scutellum piceum; corium piceo unistrigatum.

Testaceous, thick, shining, black beneath. Head short, smooth, black along the hind border above. Eyes red, very large and prominent. Antennæ black, rather stout, a little more than half the length of the body; first joint very short; second more than twice the length of the first; third much shorter than the second; fourth a little longer than the third. Prothorax short, largely and thinly punctured, with a broad and shallow transverse piceous middle furrow. Scutellum piceous, with a few punctures. Legs slender. Wings extending to the tip of the abdomen. Corium smooth, with a broad piceous streak in the disk. Length of the body 1¼ line.

a. Ceylon. Presented by Dr. Thwaites.

Eastern Isles.

35. Ophthalmicus flaviceps, *C. H.* 584.

a. Philippine Isles. From Mr. Cuming's collection.

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36. Ophthalmicus flavipes.

Geocoris flavipes, *Stal*, *Ofv. K. V. Ak. Forh.* 1854, 235. *Eug. Resa*, 249.
Java.

37. Ophthalmicus membranæus.

membranæus, *Mrtz. A. S. E. F.* 4*me Sér.* i. 61.
Lifu.

Genus 25. CYMUS, *C. H.* 586.

The genera Ischnorhynchus, Holcocranum, Chilacis and Cymophyes of Fieber, and Artheneis of Spinola, are here included with Cymus.

A. Rostrum extending to the abdomen beneath. - Ischnorhynchus.
B. Rostrum extending to the middle of the middle pectus.
a. Hind pectus with a lanceolate middle fork. - Cymus.
b. Hind pectus with a middle keel. - - - Artheneis.
c. Hind pectus with no keel. - - - - Holcocranum.

Europe.

1. Cymus clavicULUS, *C. H.* 586.

a—e. England. Presented by F. Walker, Esq.
f—h. England.
i. France. Presented by W. W. Saunders, Esq.
j, k. ——? From Mr. Children's collection.

2. Cymus glandicolor.

glandicolor, *Hahn*, *Wanz. Ins.* i. 79, pl. 12, f. 45. *Fieb. Eur. Hem.* 203—Heterogaster claviculus, var. *Schill. Beitr.* 91.

a. England.

3. Cymus melanocephalus.

melanocephalus, *Fieb. Eur. Hem.* 203.

Germany. Italy. Corsica.

4. Cymus Resedæ, *C. H.* 586.

Lygæus didymus, *Zett. Act. Holm.* 1819, 71—Ischnorhynchus didymus, *Fieb. Eur. Hem.* 199.

a. England. Presented by W. W. Saunders, Esq.
b, c. England. Presented by F. Walker, Esq.
d—s. England.
t. France. Presented by W. W. Saunders, Esq.
u—z. North America. Presented by E. Doubleday, Esq.

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5. Cymus geminatus.

Heterogaster geminatus, *Mus. Vien.*—Ischnorhynchus geminatus, *Fieb. Eur. Hem.* 200.

Middle and South Europe.

6. Cymus foveolatus.

Artheneis foveolata, *Spin Ess.* 253. *Fieb. Eur. Hem.* 200—Rhyparochromus impressicollis? *Lucas.*

South Europe.

7. Cymus hyrcanicus.

hyrcanicus, *Kolm. Mel.* pl. 10, f. 22. *H.-Sch. Wanz. Ins.* ix. 204, pl. 314, f. 965—Artheneis hircanicus, *Fieb. Eur. Hem.* 200.

South Russia. Caucasus Region.

8. Cymus alutaceus.

Artheneis alutacea, *Fieb. Eur. Hem.* 200.

Sicily.

9. Cymus Typhæ.

Heterogaster Typhæ, *Muls. Perris, Ann. Soc. Lin. Lyons, N. Ser.* iv. 159—Chilacis Typhæ, *Fieb. Wien. Ent. Mon.* viii. 72, pl. 1, f. 5. *Douglas and Scott, Hem.* 231.

Europe.

10. Cymus Saturejæ.

Saturejæ, *Kol. Mel.* pl. 10, f. 20—Holcocranum Saturejæ, *Fieb. Eur. Hem.* 201.

Caucasus Region.

11. Cymus ochroleucus.

Cymophyes ochroleuca, *Fieb. Verh. Zool. Bot. Ges. Wien.* xx. 247, pl. 5, f. 5.

Greece.

North America.

12. Cymus Bohemani.

Bohemani, *Stal, Eug. Resa*, 251.

California.

13. Cymus franciscanus.

franciscanus, *Stal, Eug. Resa*, 252.

California.

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South America.

14. Cymus marginalis.

Nysius? marginalis, *C. H.* 556—Cymus Galapagensis, *Stal, Eug. Resa*, 252.

a. Galapagos. Presented by C. Darwin, Esq.

Madeira.

15. Cymus truncatulus.

Virides cens, ellipticus, pallido univittatus; antennæ luteæ, corporis dimidio æquilongæ, articulis 1*o* 4*oque totis* 2*o* 3*oque apice nigris; scutelli discus ochraceus; pedes lutei; corium nigro unilineatum.*

Greenish, elliptical, broad, shining, very finely punctured. Head and prothorax with a paler stripe. Head short, triangular, acute in front, a little broader than the fore border of the prothorax. Eyes slightly prominent. Antennæ luteous, slender, about half the length of the body; first and fourth joints black, stout; second and third with black tips; second much longer than the first; third shorter than the second; fourth fusiform, as long as the third. Prothorax short, narrower in front. Scutellum with a dull ochraceous disk. Legs luteous, slender. Wings extending a little beyond the tip of the abdomen. Corium of the fore wings with a black line along the exterior border; membrane and hind wings pellucid. Length of the body 1⅓ line.

The antennæ are shorter than those of C. Resedæ.

a—o. Madeira. From Mr. Wollaston's collection.

16. Cymus immunis.

Testaceus, fusiformis; pallido univittatus; rostrum coxas intermedias attingens; antennæ pallide flavæ, corporis dimidio æquilongæ; articulo 4*o piceo; prothorax sulco transverso antico indeterminato nigro-quadriguttato; pedes flavi; corium nigricante unistrigatum.*

Testaceous, fusiform, shining, very finely punctured. Head and prothorax with a paler stripe. Head short, triangular, a little broader than the prothorax. Eyes not prominent. Rostrum extending to the middle coxæ. Antennæ pale yellow, slender, about half the length of the body; first and fourth joints stout; second and third longer than the first and than the fourth; fourth piceous, fusiform. Prothorax short, narrower in front; a very slight transverse furrow near the fore border, accompanied by four black dots. Legs yellow, slender. Wings extending to the tip of the abdomen. Corium of the fore wings with a small blackish streak near the interior border; membrane and hind wings pellucid. Length of the body 1¾ line.

Narrower than C. Resedæ.

a—l. Madeira. From Mr. Wollaston's collection.

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Africa.

17. CYMUS LINEOLA, *C. H.* 587.

a, *b*. Cape. From M. Drégé's collection.

18. CYMUS CINCTICORNIS.

cincticornis, *Walk. Zool. 2nd Ser.* 2379.

Harkeko.

Australia.

19. CYMUS ORBUS.

Cryptorhamphus orbus, *Stal, Eug. Resa*, 251.

Australia.

Genus 26. CYMODEMA.

Cymodema, *Spin. Ess. Hém.* 213. *Stal, Hem. Afr.* ii. 149—Bedus, *Stal, Eug. Resa*, 251.

1. CYMODEMA VIRESCENS.

Acanthia virescens, *Fabr. Ent. Syst.* iv. 70—Tingis virescens, *Fabr. Syst. Rhyn.* 127—Cymodema virescens, *Stal, Hem. Fabr.* i. 77.

West Indies.

2. CYMODEMA MAURITII.

Bedus Mauritii, *Stal, Eug. Resa*, 251, pl. 3, f. 4—Cymodema Mauritii, *Stal, Hem. Afr.* ii. 150.

Mauritius.

Genus 27. NINUS.

Ninus, *Stal, Eug. Resa*, 252.

1. NINUS INSIGNIS.

insignis, *Stal, Eug. Resa*, 253.

Isle Guam.

Genus 28. CRYPTORHAMPHUS.

Cryptorhamphus, *Stal, Eug. Resa*, 250.

1. CRYPTORHAMPHUS ORBUS.

orbus, *Stal, Eug. Resa*, 251.

Sydney.

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Genus 29. EUGISTUS.

Eugistus, *Fieb. Wien. Ent. Mon.* viii. 67, pl. 1, f. 2.

1. Eugistus Brucki.

Brucki, *Fieb. Wien. Ent. Mon.* viii. 68.

South France.

Genus 30. HENESTARIS.

Henestaris, *Spin. Ess. Gen. Hem.* 117. *Serv. Hem. Gen.* 209. *Fieb. Eur. Hem.* 173.

Germalus, *Stal*, is included with this genus.

1. Henestaris laticeps.

Heterogaster laticeps, *Curt. Brit. Ent.* pl. 457—Henestaris Spinolæ, *Costa, Corr. Zool.* No. 9. *Serv. Hem.* 250. *Fieb. Eur. Hem.* 174—Genei, *Spin. Ess. Hem.* 230—Hispanus, *Ramb. Faun. Sp.* 145.

a. England. Presented by W. S. Dallas, Esq.
b, *c*. England.
f, *g*. Europe. Presented by W. W. Saunders, Esq.

2. Henestaris Kinbergi.

Kinbergi, *Stal, Eug. Resa*, 248—Germalus Kinbergi, *Stal, Hem. Afr.* ii. 143.

Mauritius.

3. Henestaris sobrina.

sobrina, *Stal, Eug. Resa*, 248—Germalus sobrinus, *Stal, Stett. Ent. Zeit.* xxiii. 312.

Manilla.

4. Henestaris oculus-caneri.

——— oculus-caneri, *Deg.*—Hæmus oculus-caneri, *Stal, Stett. Ent. Zeit.* xxiii. 312.

Genus 31. CATTARUS.

Cattarus, *Stal, Rio Jan. Hem.* 41.

1. Cattarus insignis.

insignis, *Stal, Rio Jan. Hem.* 42.

Rio Janeiro.

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Genus 32. LARYNGODUS.

Laryngodus, *H.-Sch. Wanz. Ins.* ix. 211.

1. Laryngodus Australiæ.

Australiæ, *H.-Sch. Wanz. Ins.* ix. 212, pl. 314, f. 967.

Australia.

Genus 33. ŒDANCALA.

Œdancala, *Serv. Hist. Hem.* 258.

1. Œdancala dorsilinea.

dorsilinea, *Serv. Hist. Hem.* 258, pl. 12, f. 6.

North America. Africa?

2. Œdancala pallidipennis.

Ischnodemus pallidipennis, *Stal, Eug. Resa*, 248—Œdancala pallidipennis, *Stal, Hem. Afr.* ii. 147.

Cape.

Genus 34. MYODOCHA.

Myodocha, *Latr. Gen.* iii. 126. *Serv. Hem.* 256—Myodochus, *Oliv., Brullé, Blanch.*

1. Myodocha serripes.

Myodochus serripes, *Oliv. Enc. Meth.* viii. 106. *Brullé, Hist. Nat. Ins.* ix. 388. *Blanch. Hist. Nat. Ins.* iii. 134. *Hem.* pl. 5, f. 4—Myodocha serripes, *Serv. Hem.* 258. *H.-Sch. Wanz. Ins.* ix. 213, pl. 314, f. 966.

North America. Mexico.

2. Myodocha Giraffa.

Giraffa, *Stal, Stett. Ent. Zeit.* xxiii. 314.

Mexico.

Genus 35. PACHYGRONTHA.

Pachygrontha, *Germ. Silb. Rev. Ent.* v. 152; *Stal, Hem. Afr.* ii. 147—Pachygroncha, *Spin. Gen. Ins. Artr.* 140—Atractophora, *Stal, Ofv. K. V. Ak. Forh. Handb.* 1853, 260.

1. Pachygrontha quadripunctata.

Atractophora quadripunctata, *Sgnt. A. S. E. F. 3me Sér.* viii. 948, pl. 14, f. 4—Pachygrontha quadripunctata, *Stal, Hem. Afr.* ii. 148.

Madagascar.

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2. PACHYGRONTHA LINEATA.

lineata, *Germ. Silb. Rev. Ent.* v. 153; *Stal, Hem. Afr.* ii. 148—Pachygroncha lineola, *Spin. Gen. Ins. Artr.* 141—Atractophora fusifemur, *Stal, Ofv. K. V. Ak. Forh.* 1855, 34.

Caffraria.

3. PACHYGRONTHA LONGICORNIS.

Atractophora longicornis, *Stal, A. S. E. F. 4me Sér.* v. 188.

Mysol.

4. PACHYGRONTHA BIPUNCTATA.

bipunctata, *Stal, Hem. Afr.* ii. 149.

Mauritius.

5. PACHYGRONTHA SEMPERI.

Semperi, *Stal, Ofv. K. V. Ak. Forh.* 1870, 661.

Philippine Isles.

6. PACHYGRONTHA BREVICORNIS.

brevicornis, *Stal, Ofv. K. V. Ak. Forh.* 1870, 662.

Philippine Isles.

7. PACHYGRONTHA TABIDA.

tabida, *Stal, Ofv. K. V. Ak. Forh.* 1870, 662.

Philippine Isles.

8. PACHYGRONTHA ANGUSTA.

angusta, *Stal, Ofv. K. V. Ak. Forh.* 1870, 662.

Philippine Isles.

9. PACHYGRONTHA NIGROVITTATA.

nigrovittata, *Stal, Ofv. K. V. Ak. Forh.* 1870, 662.

Philippine Isles.

Genus 36. TRITOMACERA.

Tritomacera, *Costa, Ann. Soc. Ent. Fr.* x. 296.

1. TRITOMACERA APHANOIDES.

aphanoides, *Costa, Ann. Soc. Ent. Fr.* x. 296, pl. 6, f. 6.

Palermo.

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Genus 37. THAUMASTOPUS.

Thaumastopus, *Fieb. Verh. Zool. Bot. Ges. Wien.* xx. 246.

1. Thaumastopus flavipes.

flavipes, *Fieb. Verh. Zool. Bot. Ges. Wien.* xx. 247, pl. 5, f. 4.

Sarepta.

The two following species may be included for a while in this genus.

Group n.

Corpus gracile, convexum. Caput conicum, prothoraci æquilongum. Oculi subprominuli. Rostrum coxas posticas attingens. Antennæ graciles, corpori æquilongæ. Prothorax transverse subsulcatus, antice conicus. Pedes longi; femora antica subincrassata.

Body slender, convex. Head conical, as long as the prothorax. Eyes slightly prominent. Ocelli distinct, at some distance from the hind border of the head. Rostrum extending to the hind coxæ. Antennæ slender, as long as the body; first joint longer than the head; second much longer and more slender than the first; third much shorter than the second; fourth a little longer than the third. Prothorax much narrower in front, with a slight transverse middle furrow, between which and the hind border it is largely punctured. Legs long, slender; fore femora slightly incrassated. Fore wings coriaceous, extending to the tip of the abdomen, with a small membrane.

Type T.? alacer.

2. Thaumastopus? alacer.

Niger, rostrum fulvum; alæ anticæ maculis duabus costalibus albis.

Black. Rostrum tawny. Fore wings with two white costal spots, one before the middle, the other beyond the middle. Hind wings pellucid. Length of the body 3 lines.

a. Canary Isles. Presented by W. W. Saunders, Esq.

2. Thaumastopus? alacris.

Fœm. *Niger, elongatus, valde convexus; caput conicum; rostrum fulvum, coxas intermedias attingens; antennæ fulvæ, corpore breviores, articulo 4o piceo; prothoracis sulcus transversus posticus bene determinatus; pedes fulvi, longi; alæ anticæ piceæ, abdominis apicem non attingentes.*

Female. Black, long, slender, shining, very convex, very finely punctured. Head conical, much shorter than the prothorax. Eyes not prominent. Rostrum tawny, extending to the middle coxæ. Antennæ tawny, slender, rather shorter than the body; first joint a little shorter than the head; second longer than the first; third a little shorter than the second; fourth piceous, as long as the second. Prothorax elongate, a little

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narrower in front, slightly rounded on each side, with a well-defined transverse furrow near the hind border. Legs tawny, long, slender; fore femora slightly incrassated, spinulose beneath. Fore wings piceous, coriaceous, extending to two-thirds of the length of the abdomen. Length of the body 4½ lines.

a. North America. From Mr. Children's collection.

Genus 38. ANISOCORIS.

Mas. Corpus subfusiforme, vix convexum. Caput mediocre, prothorace brevius. Oculi prominuli. Rostrum segmentum ventrale 3um attingens. Prothorax transversus; antice angustior; latera recta. Pedes graciles. Corii venæ valde determinatæ.

Male. Body hardly convex, somewhat fusiform. Head moderately large, shorter than the prothorax. Eyes prominent. Rostrum extending to the third ventral segment. Antennæ slender, much more than half the length of the body; first joint much shorter than the head; second more than twice the length of the first; third almost as long as the second; fourth as long as the third. Prothorax transverse, narrower in front; sides straight. Legs slender, moderately long. Wings extending to the tip of the abdomen. Corium of the fore wings with strongly-marked veins.

1. ANISOCORIS PUNCTIFER.

Mas. *Flavus, nigro punctatus; caput nigrum; oculi rufi; prothorax transverse subsulcatus, carinula lateribusque subreflexis rufis; pedes nigri; membrana cinerea.*

Male. Yellow. Head, rostrum and antennæ black. Eyes red. Thorax, pectus, abdomen beneath and corium with numerous minute black points. Prothorax with a slight transverse furrow near the fore border, with slightly reflexed red sides and with a slight red keel. Legs black. Membrane of the fore wings cinereous. Length of the body 3¾ lines.

a. Columbia. Presented by W. W. Saunders, Esq.
b. Venezuela. From Mr. Birschell's collection.

Fam. 2. ANTHOCORIDÆ, *C. H.* 587.

Anthocoridæ and Ceratocombidæ, *Fieb. Hem.* 135, 142. *Dougl. and Scott* (Anthocorina)—Anthocorida, *Stal, Hem. Afr.* iii. 23.

There is a transition from this family to the Nudirostri, through the Acanthidæ.

A. Fore wings with an embolium. ANTHOCORIDÆ.
a. Areolet-hooks distinct.
* Prothorax with a rim in front.
† Antennæ and tarsi stout. - - - 15. PACHYTARSUS.
†† Antennæ and tarsi slender.
‡ Neck-ring not prominent. - - - 3. TETRAPHLEPS.
‡‡ Neck-ring prominent.
§ Rostrum long. - - - - 2. TEMNOSTETHUS.

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§§ Rostrum short.
× First joint of the antennæ extending to the tip of the head. - - - - - 1. ANTHOCORIS.
×× First joint of the antennæ not extending to the tip of the head. - - - - - 4. ECTEMNUS.
** Prothorax with no rim in front.
† Prothorax curved in front.
‡ Rostrum long. - - - - - 5. LYCTOCORIS.
‡‡ Rostrum short. - - - - 16. ODONTOBRACHYS.
†† Prothorax straight in front.
‡ First joint of the antennæ hardly short. - - 6. PIEZOSTETHUS.
‡‡ First joint of the antennæ very short.
§ Membrane with one vein from the areolet. 17. CYRTOSTERNUM.
§§ Membrane with three veins from the areolet. 7. TRIPHLEPS.
b. Areolet-hooks wanting.
* Head short. - - - - 8. BRACHYSTELES.
** Head elongate.
† Prothorax with a broad transverse ridge. 9. CARDIOSTETHUS.
†† Prothorax with no transverse ridge. 10. XYLOCORIS.
14. SCOLOPOSCELIS.
B. Fore wings with no embolium. CERATOCOMBIDÆ.
a. Rostrum long. - - - - 11. CERATOCOMBUS.
b. Rostrum short.
* First joint of the antennæ shorter than the head. 12. PACHYCOLEUS.
** First joint of the antennæ as long as the head. 13. DIPSOCORIS.

Genus 1. ANTHOCORIS, *C. H.* 588.

Europe.

1. ANTHOCORIS NEMORUM, *C. H.* 588.

a—l. England. From Mr. Stephens' collection.
m—p. England. Presented by F. Walker, Esq.
q, r. Scotland. Presented by E. Doubleday, Esq.
s. Geneva. Presented by M. Goureau.
t. Europe. Presented by W. W. Saunders, Esq.
u, v. ——— ? From Mr. Children's collection.

2. ANTHOCORIS NEMORALIS, *C. H.* 588.

a—l. England. From Mr. Stephens' collection.
m—s. England. Presented by F. Walker, Esq.
t. Italy.

3. ANTHOCORIS PRATENSIS.

Salda pratensis, *Fabr. Syst. Rhyn.* 116—Rhynarius pratensis, *Hahn, Wanz. Ins.* i. 107, pl. 17, f. 57—Anthocoris pratensis, *Fieb. Eur. Hem.* 138.

Europe.

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The six following are doubtful species of Anthocoris:—

ANTHOCORIS PINI.

Pini, *Bär. Berl. Ent. Zeit.* 1858, 190, f. 2. *Fieb. Eur. Hem.* 384.

Germany.

ANTHOCORIS MINKI.

Minki, *Dohrn, Stett. Ent. Zeit.* 1860, 162, pl. 1, f. 1. *Fieb. Eur. Hem.* 385.

Germany.

ANTHOCORIS CRASSICORNIS.

crassicornis, *Muls. Ann. Soc. Linn.* 1857, 161. *Fieb. Eur. Hem.* 385—Triphleps?

France.

ANTHOCORIS PARVICORNIS.

parvicornis, *Costa, Atti Sci. Nat. Nap.* 263, pl. 2, f. 6. *Fieb. Eur. Hem.* 385—Microphysa?

Naples.

ANTHOCORIS RUFESCENS.

rufescens, *Costa, Atti Sci. Nat. Nap.* 264. *Fieb. Eur. Hem.* 385.

Naples.

ANTHOCORIS NIGRELLUS.

nigrellus, *Zett. Ins. Lapp.* 265. *Sahlb. Geoc.* 76. *Fieb. Eur. Hem.* 385.

Lapland.

A. nigricornis, *Zett.*, is also an uncertain species.

4. ANTHOCORIS LIMBATUS.

limbatus, *Fieb. Beit. Weit.* 1836, 110, pl. 2, f. 9. *Eur. Hem.* 137—fasciatus, *H.-Sch. Wanz. Ins.* ix. 225, pl. 316, f. 975—nemorum, *var.* fasciatus, *Scholz, Arb.* v.

Germany.

5. ANTHOCORIS NIGRICORNIS.

nigricornis, *Fieb. Eur. Hem.* 137.

Austria.

6. ANTHOCORIS RUBICUNDULUS.

rubicundulus, *Garbiglietti, Bull. Soc. Ent. Ital.* i. 122.

North Italy.

7. ANTHOCORIS NEGLECTUS.

neglectus, *Garb. Bull. Soc. Ent. Ital.* i. 122.

North Italy.

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North America.

8. ANTHOCORIS BOREALIS, *C. H.* 588.

a, *b*. St. Martin's Falls, Hudson's Bay. Presented by G. Burnstom.

South America.

9. ANTHOCORIS? SULCIFER.

sulcifer, *Stal*, *Rio Jan. Hem.* 43.

Rio Janeiro.

10. ANTHOCORIS ARMATUS.

armatus, *Stal*, *Rio Jan. Hem.* 43.

Rio Janeiro.

11. ANTHOCORIS NIGRONITENS.

nigronitens, *Stal*, *Rio Jan. Hem.* 43.

Rio Janeiro.

12. ANTHOCORIS LEPIDUS.

lepidus, *Stal*, *Rio Jan. Hem.* 43.

Rio Janeiro.

13. ANTHOCORIS ELEGANS.

elegans, *Blanch. Faun. Chil.* 140, pl. 2, f. 5. *Sgnt. A. S. E. F.* 4*me Sér.* iii. 566.

Chili.

14. ANTHOCORIS PARVULUS.

parvulus, *Blanch. Faun. Chil.* 141. *Sgnt. A. S. E. F.* 4*me Sér.* iii. 566.

Chili.

South Africa.

15. ANTHOCORIS SUBCRUCIATUS.

Fœm. *Niger, subfusiformis; caput lanceolatum, prothorace paullo brevius; rostrum abdominis dimidium superans; antennæ corporis dimidio paullo breviores; prothorax sulco transverso medio bene determinato, callis duobus anterioribus; femora antica incrassata, subtus unispinosa; tibiæ posticæ albo late fasciatæ; corium basi margineque exteriore albis; membrana nigricans.*

Female. Black, slender, nearly fusiform, very finely punctured. Head lanceolate, a little shorter than the prothorax. Eyes small, slightly prominent. Rostrum extending to two-thirds of the length of the abdomen. Antennæ a little less than half the length of the body; first joint short; second more than twice the length of the first; third more than half the length of the second; fourth as long as the third. Prothorax with a well-defined transverse middle furrow, in front of which there is a callus on each

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side. Legs rather short; fore femora incrassated, with a spine beneath near the tips; hind tibiæ with a broad white band. Wings extending a little beyond the abdomen; corium of the fore wings white at the base and along the outer border; membrane blackish. Length of the body 2¼ lines.

a, *b*. Cape. Presented by W. W. Saunders, Esq.

South Asia.

16. Anthocoris proximus.

Mas. *Niger, fere fusiformis; caput longiusculum, subcompressum, antice truncatum; rostrum abdomen attingens; antennæ corporis dimidio paullo breviores; prothorax sulco postico bene determinato; segmenta pectoralia albo marginata; femora antica incrassata; tibiæ posticæ albo late fasciatæ; corium basi margineque exteriore albis; membrana albida.*

Male. Black, slender, nearly fusiform, very finely punctured. Head elongate, slightly compressed and truncated in front. Eyes small, slightly prominent. Rostrum extending to the abdomen. Antennæ a little less than half the length of the body; second joint more than twice the length of the first, less than twice the length of the third. Prothorax narrower in front, with a well-defined transverse furrow near the hind border. Pectoral segments bordered with white. Legs rather short; fore femora incrassated; hind tibiæ with a broad white band. Wings extending to the tip of the abdomen; corium white at the base and along the exterior border; membrane whitish. Length of the body 2¼ lines.

It has much resemblance to A. semicruciatus; the shape of the head is different.

a. Hindostan. Presented by Major Parry.

17. Anthocoris pubescens.

Fœm. *Niger, longi-ovalis, pubescens; caput prothorace multo brevius; rostrum abdominis dimidium fere attingens; antennæ corporis dimidio æquilongæ, articulo 3o basi albo; prothorax sulculo transverso medio; femora antica incrassata; corium basi guttaque costali subapicali albis; membrana diaphana, gutta apicali nigricante.*

Female. Black, elongate-oval, shining beneath. Head above and prothorax dull, pubescent. Head much shorter than the prothorax. Eyes not prominent. Rostrum extending to one-third of the length of the abdomen. Antennæ about half the length of the body; second joint about twice the length of the first; third white towards the base, shorter than the second; fourth shorter than the third. Prothorax with a slight transverse middle furrow. Fore femora incrassated. Wings extending beyond the tip of the abdomen; corium of the fore wings white at the base and with a white subapical costal dot; membrane pellucid, with a blackish apical dot. Length of the body 1½ line.

a. Celebes. Presented by W. W. Saunders, Esq.

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Australia.

18. Anthocoris arctatus.

Mas. *Niger, fusiformis; caput elongatum; rostrum coxas posticas attingens; antennæ corporis dimidio æquilongæ, sat validæ; prothorax sulculo transverso medio; pedes breviusculi, tibiis tarsisque testaceis; corium diaphanum, basi album, macula apud marginem exteriorem nigra.*

Male. Black, fusiform, very finely punctured. Head elongate-triangular. Eyes not prominent. Rostrum extending to the hind coxæ. Antennæ rather stout, about half the length of the body; first joint short; third much longer than the first; second and fourth about equal in length, each longer than the third. Prothorax narrower in front, with a slight transverse middle furrow. Legs rather short; tibiæ and tarsi testaceous. Wings pellucid, extending to the tip of the abdomen. Corium white at the base, with a large black spot adjoining the outer border. Length of the body 1½ line.

a—c. Australia. Presented by F. Walker, Esq.

Genus 2. TEMNOSTETHUS.

Temnostethus, *Fieb. Wien. Ent. Mon.* iv.; *Eur. Hem.* 136. *Douglas and Scott, Hem.* 491.

1. Temnostethus pusillus.

Anthocoris pusillus, *H.-Sch. Nom. Ent.* i. 60; *Wanz. Ins.* ix. 255, pl. 316, f. 977—Anthocoris albofasciatus, *Fieb. Weit. Beitr.* 111, pl. 2, f. 10—Anthocoris lugubris, *Boh. Vet. Ak. Forh.* 58. *Flor. Rhyn. Liv.* i. 647—Temnostethus pusillus, *Fieb. Eur. Hem.* 136. *Douglas and Scott, Hem.* 493.

Europe.

2. Temnostethus lucorum.

Anthocoris lucorum, *Fall. Hem. Suec.* 67. *Flor. Rhyn. Liv.* i. 648—Anthocoris Helveticus, *Dohrn, Stett. Ent. Zeit.* xxi. 162, pl. 1, f. 3—Temnostethus luteus, *Fieb. Wien. Ent. Mon.* iv. 269—Temnostethus lucorum, *Fieb. Eur. Hem.* 136. *Dougl. and Scott, Hem.* 492.

Prof. Stal states that this species is A. nemoralis, *Fabr.*

Europe.

3. Temnostethus Sarothamni.

Sarothamni, *Dougl. and Scott, Hem.* 497.

England.

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Genus 3. TETRAPHLEPS.

Tetraphleps, *Fieb. Wien. Ent. Mon.* iv. pl. 6. *Eur. Hem.* 135. *Douglas and Scott, Hem.* 491.

1. Tetraphleps vittatus.

Anthocoris vittatus, *Fieb. Weit. Beitr.* 108, pl. 2, f. 6—Anthocoris bicuspis, *H.-Sch. Wanz. Ins.* ix. 235—Anthocoris piceicornis, *Fieb. Weit. Beitr.* 1836, 109, pl. 2, f. 7—Tetraphleps vittatus, *Fieb. Eur. Hem.* 136. *Douglas and Scott, Hem.* 491—Anthocoris latula, *Flor. Rhyn. Liv.* i. 653—Anthocoris Germari? *Flor. Rhyn. Liv.* i. 649.

Europe.

Genus 4. ECTEMNUS.

Ectemnus, *Fieb. Wien. Ent. Mon.* iv. *Eur. Hem.* 138.

1. Ectemnus reduvinus.

Anthocoris reduvinus, *H.-Sch. Wanz. Ins.* ix. 222, pl. 316, f. 973—Anthocoris longiceps? *Sahlb. Geoc.* 76—Ectemnus reduvinus, *Fieb. Wien. Ent. Mon.* iv. *Eur. Hem.* 138.

Europe.

Genus 5. LYCTOCORIS.

Lyctocoris, *Hahn, Wanz. Ins.* iii. 19. *Fieb. Wien. Ent. Mon.* iv. *Eur. Hem.* 138. *Dougl. and Scott, Hem.* 498.

1. Lyctocoris campestris.

Acanthia campestris, *Fabr. Ent. Syst.* iv. 75—Salda campestris, *Fabr. Syst. Rhyn.* 116—Cimex domesticus, *Schill. Isis*, 1834, 738—Lyctocoris domesticus, *Hahn, Wanz. Ins.* iii. 19, pl. 69, f. 243. *Fieb. Eur. Hem.* 138. *Dougl. and Scott, Hem.* 499—Xylocoris dimidiata, *Spin. Ess.* 236—Xylocoris domesticus, *Sahlb. Geoc. Fen.* 80—Xylocoris Parisiensis, *C. H.* 589—Anthocoris bicuspis, *H.-Sch. Nom.* 60—Xylocoris (Lyctocoris) domestica, *Flor. Rhyn. Liv.* i. 655—Xylocoris (Lyctocoris) distinguenda, *Flor. Rhyn. Liv.* i. 666.

a. England. From Mr. Stephens' collection.
b—e. England. Presented by F. Walker, Esq.
f, g. Geneva. Presented by M. Goureau.
h—m. Madeira. From Mr. Wollaston's collection.

"Widely distributed throughout North America."—*Uhler*.

2. Lyctocoris? albifer.

Niger, ellipticus; caput longiusculum; antennæ setaceæ, corporis dimidio paullo longiores; prothorax brevis, fere planus; pedes graciles, tibiis tarsisque fulvis; alæ anticæ cinereæ, basi albæ.

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Black, shining, elliptical. Head elongate-triangular. Eyes not prominent. Antennæ setaceous, a little more than half the length of the body; second joint stout; third about half the length of the fourth, which is a little shorter than the second. Prothorax short, smooth, nearly flat. Legs slender; tibiæ and tarsi tawny. Wings cinereous, extending rather beyond the abdomen. Fore wings white at the base. Length of the body ¾ line.

a. Madeira. From Mr. Wollaston's collection.

Genus 6. PIEZOSTETHUS.

Piezostethus, *Fieb. Wien. Ent. Mon.* iv.; *Eur. Hem.* 139. *Dougl. and Scott, Hem.* 500.

1. Piezostethus galactinus.

Anthocoris galactinus, *Fieb. Weit. Beitr.* i. 107—Anthocoris pulchellus, *Zett. Ins. Lapp.* 265—Xylocoris albipennis, *H.-Sch. Wanz. Ins.* ix. 171, pl. 315, f. 971. *Bär. Ent. Zeit. Stett.* ii. 194. *Flor. Rhyn. Liv.* i. 669—Piezostethus galactinus, *Fieb. Wien. Ent. Mon.* iv. 265; *Eur. Hem.* 139. *Dougl. and Scott, Hem.* 500.

Europe.

2. Piezostethus formicetorum.

Anthocoris formicetorum, *Boh. K. Vet. Ak.* 1844, 158—Xylocoris formicetorum, *Bär. Berl. Ent. Zeit.* ii. 195—Xylocoris formeticicola, *Sahlb. Geoc.* f. 82—Piezostethus formicetorum, *Fieb. Eur. Hem.* 139.

North Europe.

3. Piezostethus rufipennis.

Xylocoris rufipennis, *L.-Duf. A. S. E. F.* ii. 106. *Burm. Handb. Ent.* ii. 290. *Flor. Rhyn. Liv.* i. 668—Piezostethus rufipennis, *Fieb. Eur. Hem.* 139. *Dougl. and Scott, Hem.* 501—Xylocoris bicolor, *Scholz, Arb. Ver.* 1846—Xylocoris latior, *Muls. Ann. Soc. Linn.* 1852, 106—Xylocoris obliquus, *Costa, Cent.* 1852—Piezostethus bicolor, *Fieb. Eur. Hem.* 139.

Europe.

4. Piezostethus maculipennis.

Xylocoris maculipennis, *Bär. Berl. Ent. Zeit.* ii. 197—Piezostethus maculipennis, *Fieb. Eur. Hem.* 140.

Spain.

5. Piezostethus Cenomyces.

Xylocoris Cenomyces, *Bär. Berl. Ent. Zeit.* ii. 195.

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Genus 7. TRIPHLEPS.

Triphleps, *Fieb. Wien. Ent. Mon.* iv. *Eur. Hem.* 140. *Dougl. and Scott, Hem.* 502.

Europe.

1. TRIPHLEPS LÆVIGATUS.

lævigatus, *Fieb. Eur. Hem.* 140.

Sicily.

2. TRIPHLEPS NIGER.

Salda nigra, *Wolff, Icon. Cim.* f. 161—Anthocoris niger, *Sahlb. Geoc.* 77—Triphleps niger, *Fieb. Eur. Hem.* 140.

Europe.

3. TRIPHLEPS OBSCURUS.

Rhinarius obscurus, *Hahn, Wanz. Ins.* i. 110, pl. 17, f. 59. *Boh. Nya, Sv.* 11—Triphleps obscurus, *Dougl. and Scott, Hem.* 503.

Europe.

4. TRIPHLEPS ULRICHI.

Ulrichi, *Mus. Vien. Fieb. Wien. Ent. Mon.* iv.; *Eur. Hem.* 140.

Austria.

5. TRIPHLEPS LATUS.

latus, *Fieb. Eur. Hem.* 140—Anthocoris lucorum? *Sahlb. Geoc.* 77.

Austria.

6. TRIPHLEPS MINUTUS.

Anthocoris minutus, *C. H.* 589—Anthocoris compressicornis, *Sahlb. Geoc. Fen.* 77—Triphleps minutus, *Fieb. Eur. Hem.* 146.

a—*h*. England. From Mr. Stephens' collection.
i—*o*. England. Presented by F. Walker, Esq.
p. South France. Presented by F. Walker, Esq.
q. Italy.

7. TRIPHLEPS LUTEOLUS.

luteolus, *Fieb. Wien. Ent. Mon.* iv.; *Eur. Hem.* 141.

Austria.

8. TRIPHLEPS PELLUCIDUS.

pellucidus, *Garb. Bull. Soc. Ent. Ital.* i. 123.

Turin.

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9. TRIPHLEPS FASCIIVENTRIS.

fasciiventris, *Garbiglietti*, *Bull. Soc. Ent. Ital.* i. 123.
Turin.

10. TRIPHLEPS FLAVICANS.

flavicans, *Garb. Bull. Soc. Ent. Ital.* i. 123.
Turin.

North America.

11. TRIPHLEPS INSIDIOSUS.

Reduvius insidiosus, *Say*, *Hem. Het.* 32. *Walsh*, *Proc. Ent. Soc. Phil.* vi. 274—Anthocoris pseudochinche, *Fitch*, *2nd Report*, 295—Triphleps insidiosus, *Uhler*, *Proc. Bost. Soc. Nat. Hist.* 1871.
United States.

Genus 8. BRACHYSTELES.

Brachysteles, *Muls. Ann. Soc. Lin.* 1852, 104. *Fieb. Wien. Ent. Mon.* iv. 266. *Eur. Hem.* 141. *Dougl. and Scott*, *Hem.* 505.

1. BRACHYSTELES PILICORNIS.

pilicornis, *Muls. Ann. Soc. Lin.* 1852, 104. *Fieb. Wien. Ent. Mon.* iv. 266. *Eur. Hem.* 146. *Dougl. and Scott*, *Hem.* 506.
England. France.

Genus 9. CARDIASTETHUS.

Cardiastethus, *Fieb. Wien. Ent. Mon.* iv. *Eur. Hem.* 141. *Dougl. and Scott*, *Hem.* 506.

1. CARDIASTETHUS TESTACEUS.

Anthocoris testaceus, *Muls. Ann. Soc. Linn.* 1852, 105—Cardiastethus testaceus, *Fieb. Wien. Ent. Mon.* iv. 266. *Eur. Hem.* 141. *Dougl. and Scott*, *Hem.* 507.
England. France.

2. CARDIASTETHUS CERINUS.

cerinus, *Fieb*, *Wien. Ent. Mon.* vi. 271. *Eur. Hem.* 142.
Austria.

3. CARDIASTETHUS CURRAX.

currax, *Garbiglietti*, *Bull. Soc. Ent. Ital.* i. 123.
Turin.

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Genus 10. XYLOCORIS, *C. H.* 589.

Europe.

1. Xylocoris ater.

ater, *L.-Duf. Ann. Soc. Ent. Fr.* ii. 106, pl. 6, f. 3. *Burm. Handb. Ent.* ii. 290. *H.-Sch. Wanz. Ins.* ix. 170, pl. 315, f. 972. *Bär. Berl. Ent.* ii. 196. *Zeit.* ii. 196. *Fieb. Eur. Hem.* 142. *Flor. Rhyn. Liv.* i. 667. *Dougl. and Scott, Hem.* 508—corticalis, *C. H.* 590—Anthocoris obscurella, *Zett. Ins. Lap.* 265—Xylocoris obscurellus, *Sahlb. Geoc. Fen.* 81—Anthocoris elongatus, *Fieb. Weit. Beitr.* 1836, 109, pl. 2, f. 8.

a—*c*. England. From Mr. Stephens' collection.
d—*l*. England. Presented by F. Walker, Esq.
m. Geneva. Presented by M. Goureau.

2. Xylocoris Rogeri.

Rogeri, *Bär. Berl. Ent. Zeit.* ii. 196—Xylocoris? Rogeri, *Fieb. Eur. Hem.* 142.

Upper Silesia.

North America.

3. Xylocoris Americanus, *C. H.* 589.

a, *b*. North America. Presented by E. Doubleday, Esq.

South America.

4. Xylocoris discifer.

discifer, *Stal, Rio Jan. Hem.* 44.

Rio Janeiro.

5. Xylocoris limbatellus.

limbatellus, *Stal, Rio Jan. Hem.* 44.

Rio Janeiro.

6. Xylocoris constrictus.

constrictus, *Stal, Rio Jan. Hem.* 44.

Rio Janeiro.

7. Xylocoris testaceus.

testaceus, *Blanch. Faun. Chil.* 138. *Sgnt. A. S. E. F.* 4*me Sér.* iii. 566.

Chili.

8. Xylocoris obsoletus.

Anthocoris obsoletus, *Blanch. Faun. Chil.* 140—Xylocoris obsoletus, *Sgnt. A. S. E. F.* 4*me Sér.* iii. 566.

Near allied to X. domesticus.

Chili.

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9. Xylocoris conicus.

conicus, *Blanch. Faun. Chil.* 137, pl. 2, f. 4. *Sgnt. A. S. E. F.* 4*me Sér.* iii. 566.

Chili.

10. Xylocoris brevicollis.

brevicollis, *Blanch. Faun. Chil.* 138. *Sgnt. A. S. E. F.* 4*me Sér.* iii. 566.

Chili.

Madeira.

11. Xylocoris balteatus.

Fœm. *Niger, ellipticus, rostro antennis pedibusque testaceis; caput antice fulvum; antennæ setaceæ, corporis dimidio breviores; prothorax sulco transverso postico bene determinato; alæ abbreviatæ.*

Female. Black, elliptical, very finely punctured. Head tawny in front of the insertion of the antennæ. Rostrum, antennæ and legs testaceous. Antennæ setaceous, less than half the length of the body; first and second joints rather stout; second more than twice the length of the first. Prothorax with a well-defined transverse furrow near the hind border. Fore wings testaceous, extending to half the length of the abdomen; membrane not developed. Length of the body 2 lines.

a—h. Madeira. From Mr. Wollaston's collection.

12. Xylocoris latus.

Fœm. *Piceus, ellipticus, latiusculus, rostro antennis abdomine corio pedibusque testaceis; caput antice testaceum; rostrum coxas posticas attingens; antennæ setaceæ, articulo 2o apicem versus piceo; prothoracis sulculo transverso postico, margine postico testaceo; abdominis segmenta nigro marginata; membrana diaphana.*

Female. Piceous, elliptical, shining, very finely punctured, much broader than X. balteatus. Head testaceous in front of the insertion of the antennæ. Rostrum, antennæ, abdomen and legs testaceous. Rostrum extending to the hind coxæ. Antennæ setaceous, shorter than the rostrum; first and second joints rather stout; second piceous towards the tip, about twice the length of the first. Prothorax testaceous along the hind border; a slight transverse furrow near the hind border. Abdomen broader than the fore wings, with a black band on the hind border of each segment. Legs slender. Wings extending to the tip of the abdomen; corium testaceous; membrane pellucid. Length of the body 1½ line.

a—c. Madeira. From Mr. Wollaston's collection.

Madagascar.

13. Xylocoris humeralis.

humeralis, *Sgnt. A. S. E. F.* 3*me Sér.* viii. 952. *Stal, Hem. Afr.* iii. 24.

Madagascar.

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Ceylon.

14. Xylocoris fulvescens.

Fœm. *Pallide fulvus, ellipticus, antennis pedibus corioque testaceis; antennæ corporis dimidio breviores; prothorax sulculo medio transverso; corium apud marginem exteriorem fuscum; membrana diaphana.*

Female. Pale tawny, elliptical, smooth, shining. Head small. Eyes black. Antennæ, legs and corium pale testaceous. Antennæ setaceous, less than half the length of the body; second joint much longer than the others. Prothorax short, contracted in front, with a slight transverse middle furrow. Legs slender. Wings extending beyond the tip of the abdomen; corium broadly brown along the outer border; membrane and hind wings pellucid. Length of the body 1 line.

a, b. Ceylon. Presented by Dr. Thwaites.

15. Xylocoris fumipennis.

Fœm. *Piceus, ovalis, antennis pedibusque testaceis; antennæ corporis dimidio æquilongæ; prothorax sulco transverso medio bene determinato; membrana fusca.*

Female. Piceous, oval, smooth, shining. Antennæ and legs testaceous. Antennæ setaceous, not more than half the length of the body; second joint stout, longer than the third and than the fourth. Prothorax contracted in front, with a well-defined transverse middle furrow. Legs slender. Fore wings extending beyond the tip of the abdomen; membrane brown. Length of the body 1 line.

a. Ceylon. Presented by Dr. Thwaites.

Genus 11. CERATOCOMBUS.

Ceratocombus, *Sgnt. A. S. E. F. 2me Sér.* ix. 541. *Fieb. Wien. Ent. Mon.* iv. 267. *Eur. Hem.* 142. *Dougl. and Scott, Hem.* 514.

1. Ceratocombus muscorum.

Bryocoris muscorum, *Fall. Hem. Suec.* 153—Anthocoris coleoptrata, *Zett. Act. Holm.* 1819, 174—Astemma Mulsanti, *Sgnt. A. S. E. F. 2me Sér.* x. 541 (Ceratocombus, pl. 16, f. 3)—Lichenobia ferruginea, *Bär. Berl. Ent. Zeit.* i. 167—Lichenobia muscorum, *Bär. Berl. Ent. Zeit.* ii. 189—Ceratocombus muscorum, *Fieb. Wien. Ent. Mon.* iv. 267, pl. 6, f. 7; *Eur. Hem.* 143. *Dougl. and Scott, Hem.* 514.

Europe.

Genus 12. PACHYCOLEUS.

Pachycoleus, *Fieb. Wien. Ent. Mon.* iv. 272. *Eur. Hem.* 143.

1. Pachycoleus Waltli.

Waltli, *Fieb. Wien. Ent. Mon.* iv. 272. *Eur. Hem.* 143.

Bavaria.

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Genus 13. DIPSOCORIS.

Dipsocoris, *Hal. Nat. Hist. Rev.* ii. 61. *Fieb. Wien. Ent. Mon.* iv.; *Eur. Hem.* 143. *Dougl. and Scott, Hem.* 514—Cryptostemma, *H.-Sch. Panz. Fn. Germ.* 135.

1. Dipsocoris alienum.

Cryptostemma alienum, *H.-Sch. Panz. Faun. Germ.* 135 — Dipsocoris alienum, *Hal. Nat. Hist. Rev.* ii. 61, pl. 2, f. 3—*Fieb. Eur. Hem.* 144. *Dougl. and Scott, Hem.* 515.

Europe.

Genus 14. SCOLOPOSCELIS.

Scoloposcelis, *Fieb. Wien. Ent. Mon.* viii. 66.

1. Scoloposcelis crassipes.

Xylocoris crassipes, *Flor. Rhyn. Liv.*—Scoloposcelis crassipes, *Fieb. Wien. Ent. Mon.* viii. 66, pl. 1, f. 1.

Livonia. Westphalia.

Genus 15. PACHYTARSUS.

Pachytarsus, *Fieb. Eur. Hem.* 37.

This and the two following genera are exotic, and no species of them have been described.

Genus 16. ODONTOBRACHYS.

Odontobrachys, *Fieb. Eur. Hem.* 38.

Genus 17. CYRTOSTERNUM.

Cyrtosternum, *Fieb. Eur. Hem.* 39.

Fam. 3. MICROPHYSIDÆ.

Mycrophysæ, *Fieb. Eur. Hem.* 24—Anthocorina Microphysidæ, *Dougl. and Scott, Hem.* 36, 482.

The two-jointed tarsi distinguish this family from the Anthocoridæ, which have three-jointed tarsi.

A. Abdomen very convex. - - - 1. Myrmedobia.
B. Abdomen not very convex. - - - 2. Zygonotus.

Genus 1. MYRMEDOBIA.

Myrmedobia, *Bär. Berl. Ent. Zeit.* i. 160. *Fieb. Wien. Ent. Mon.* iv.; *Eur. Hem.* 132. *Dougl. and Scott, Hem.* 483.

1. Myrmedobia coleoptrata.

Salda coleoptrata, *Fall. Mon. Cim.* 31—Lygæus exilis, *Fall. Mon. Cim.* 73—Bryocoris coleoptrata, *Fall. Hem Suec.* 76—Bryocoris palustris, *Fall.*

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Hem. Suec. 152—Anthocoris exilis, *C. H.* 589—Microphysa myrmecobia, *Märkl. Germ. Zeit.* v. 262. *Germ. Faun. Eur.* 24, 19—Bryocoris Myrmedobia, *Bär. Fieb. Wien. Ent. Mon.* iv. 269—Anthocoris subtilis, *Sahlb. Geoc. Fen.* 79—Myrmedobia coleoptrata, *Fieb. Eur. Hem.* 133. *Dougl. and Scott, Hem.* 484—Microphysa Curtisii, *Flor. Rhyn. Liv.* i. 660—Idiotropus exilis, *Fieb. Eur. Hem.* 133.

a. England. Presented by W. W. Saunders, Esq.
b, *c*. England. Presented by F. Walker, Esq.
d, *e*. Finmark. Presented by F. Walker, Esq.

2. MYRMEDOBIA SIGNORETI.

Microphysa Myrmecobia (*Sgn. et Frst.*), *Fieb. Wien. Ent. Mon.* iv. 269—Myrmedobia Signoreti, *Fieb. Eur. Hem.* 133.

Germany. France.

3. MYRMEDOBIA INCONSPICUA.

Pseudophleps (N. G.) inconspicuus, *Dougl. and Scott, Ent. M. Mag.* viii. 61.

England.

3. MYRMEDOBIA TRISTIS.

Idiotropus tristis, *Fieb. Ent. Mon.* iv.; *Eur. Hem.* 133.

Bohemia.

Genus 2. ZYGONOTUS.

Zygonotus, *Fieb. Wien. Ent. Mon.* iv.; *Eur. Hem.* 133. *Dougl. and Scott, Hem.* 486.

1. ZYGONOTUS FUSCUS.

Anthocoris fuscus, *Fieb. Weit. Beit.* i. 108—Zygonotus fuscus, *Fieb. Eur. Hem.* 134.

Switzerland.

2. ZYGONOTUS PSELAPHIFORMIS.

Loricula pselaphiformis, *Curt. Ent. Mag.* i. 198—Anthocoris stigma, *Fieb. Weit. Beit.* i. 107, pl. 2, f. 5—Zygonotus stigma, *Fieb. Wien. Ent. Mon.* iv.; *Eur. Hem.* 34—Anthocoris truncatulus, *H.-Sch. Wanz. Ins.* ix. 219, 228, pl. 316, f. 974—Microphysa pselaphiformis, *Westw. A. S. E. F.* iii. pl. 6, f. 3. *Boh. Vet. A. K. Forh.* 1853, 60—Microphysa pselaphoides, *Burm. Handb. Ent.* ii. 287. *H.-Sch. Wanz. Ins.* ix. 186, pl. 315, f. 970. *Flor. Rhyn. Liv.* i. 661—Anthocoris exilis, *Sahlb. Geoc. Fen.* 78—Zygonotus pselaphiformis, *Dougl. and Scott, Hem.* 487.

a—*c*. England. Presented by F. Walker, Esq.

3. ZYGONOTUS ELEGANTULUS.

Anthocoris elegantulus, *Bär. Berl. Ent. Zeit.* ii. 191, pl. 2, f. 3—Zygonotus elegantulus, *Fieb. Eur. Hem.* 135. *Dougl. and Scott, Hem.* 488.

Europe.

4. ZYGONOTUS? BIPUNCTATUS.

Microphysa bipunctata, *Muls. Ann. Soc. Linn.* 1857, 168. *Fieb. Eur. Hem.* 384.

France.

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CÆCIGENÆ.

Astemmites, *De Lap.*—Lygæodes, *Burm.*—Cæcigenæ, *Serv. Hist. Hem.* xxxviii. 265—Cæcigenia, *Dougl. and Scott*—Pyrrhocorida, *Stal, Hem. Afr.* iii. 1—Pyrrhocorina, *Stal, K. V. Ak. Handb.* 1870, 90.

A. Prothorax with concise and elevated sides. - 1. PYRRHOCORIDÆ.
B. Sides of the prothorax not elevated. - - 2. LARGIDÆ.

The Pyrrhocoridæ and the Largidæ may be considered as one family, which is divided by Prof. Stal into two subfamilies as follows:—

A. Sixth ventral segment of the female fissured to the base. LARGIDA.
B. Sixth ventral segment entire in both sexes. - PYRRHOCORIDA.

Serville arranges thus the genera of the two families:—

PYRRHOCORIDÆ.

Pyrrhocoridæ, *Fieb. Eur. Hem.* 25.

A. Eyes not petiolated.
a. Body much elongated. First joint of the antennæ half the length of the body; fourth much shorter than the third. - - - - MACROCHERAIA.
b. Fourth joint of the antennæ as long as the third or longer.
* Fourth joint of the antennæ not or only a little longer than the third.
† First joint of the antennæ not longer than the head or than the second joint. Membrane of the fore wings with irregular veins and areolets. - PYRRHOCORIS.
†† First joint of the antennæ longer than the head. Membrane of the fore wings with longitudinal veins. - - - - - - ODONTOPUS.
** Fourth joint of the antennæ much longer than the third.
† Anterior divisions of the prothorax large and tumid. PHYSOPELTA.
†† Anterior divisions of the prothorax narrow. - DYSDERCUS.
B. Eyes petiolated. - - - - - ECTATOPS.

LARGIDÆ.

A. Body oval, broad. Eyes not or but slightly petiolated, not very prominent. - - - LARGUS.
B. Body long, linear. Eyes much petiolated, very prominent. - - - - - ACINOCORIS.

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Prof. Stal, in Hemiptera Africana, disposes nearly all the genera as follows:—

LARGIDA.

Largida, *Stal, Hem. Afr.* iii. 1—Largina, *Stal, K. V. Ak. Handb.* 1870, 90.

A. Eyes petiolated.
a. Fore lobe of the prothorax slightly convex, not globose. Fore coxæ unarmed, or with a tubercle.
* Eyes with somewhat short petioles. Veins of the membranes distinct, numerous.
† Sides of the prothorax not dilated. - - LARGUS.
†† Sides of the prothorax much dilated. - - LECADRA.
** Eyes with longer petioles. Veins of the membranes few, less distinct.
† Petioles of the eyes slightly ascending. Bucculi slightly elevated, obtusely rounded in front. - ACINOCORIS.
†† Petioles of the eyes much ascending. Bucculi much elevated, forming an acute angle in front. - - - - - ASTEMMA.
b. Fore lobe of the prothorax globose. Fore coxæ armed with a spine. - - - FIBRINUS.
B. Eyes sessile.
a. Sides of the prothorax obtuse at least in front.
* Head almost triangular. - - - THORANEIS.
** Head slightly flattened, porrect. - - ERLAEDA.
*** Head globose, vertical in front. - - ARHAPHE.
b. Sides of the prothorax attenuated.
* First joint of the antennæ very long. - - MACROCHERAIA.
** First joint of the antennæ hardly as long as the prothorax. - - - - - PHYSOPELTA.

PHYRRHOCORIDA.

Pyrrhocorida, *Stal, Hem. Afr.* iii. 1.

A. Eyes slightly petiolated.
a. Fore border of the prothorax not broader than the head between the eyes. - - - ECTATOPS.
b. Fore border of the prothorax as broad as the head with the eyes. - - - - CENÆUS.
B. Eyes sessile.
a. Fore wings most often complete.
* Fore wings rarely without a membrane, in that case with a membranous border.
† Bucculi much elevated, triangular, forming an acute angle. - - - - ÆSCHINES.
†† Bucculi slightly elevated.
‡ Head distinctly deflexed from the base. *Male.*—Anal segment large or very large. *Female.*—Sixth ventral segment elongated, rounded. - ANTILOCHUS.

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‡‡ Head not deflexed. *Male.*—Anal segment of moderate size. *Female.*—Sixth ventral segment truncated, not elongated.
§ Outer border of the corium much longer than the suture of the clavus.
× Third and fourth joints of the antennæ not nearly of equal length. - - - - ROSCIUS.
×× Third and fourth joints of the antennæ equally long or nearly so. - - - - MELAMPHAUS.
§§ Outer border of the corium and suture of the clavus nearly equally long.
× Third and fourth joints of the rostrum as long as the second or a little longer. - - ODONTOPUS.
×× Third and fourth joints of the rostrum much longer than the second.
o Head not received into the prothorax as far as the eyes. - - - - - DINDYMUS.
oo Head received into the prothorax as far as the eyes. - - - - - DYSDERCUS.
** Fore wings sometimes abbreviated and without a membrane; apical border of the corium rounded.
† First joint of the rostrum longer than the head. - PYRRHOCORIS.
†† First joint of the rostrum shorter than the head. - SCANTIUS.
bb. Fore wings abbreviated, truncated. - . - DERMATINES.

The above author uses the following method in Kongliga Svenska Vetenskaps-Akademiens Handlingar, 1870:—

LARGINA.

A. Head with no longitudinal furrow beneath.
a. Hind part of the head between the eyes transversely concave or nearly flat.
* Fore coxæ armed with a spine. - - - FIBRENUS.
** Fore coxæ unarmed.
† Eyes much petiolated. - - - - ASTEMMA.
†† Eyes slightly petiolated or sessile.
‡ Body oblong or narrowly oval. - - - LARGUS.
‡‡ Body narrow, linear.
§ Head excavated between the short-petiolated eye. THERANEIS.
§§ Head flat between the sessile eyes. - - STENOMACRA.
b. Head convex above and beneath. - - ARHAPHE.
B. Head with a longitudinal furrow beneath.
a. First joint of the antennæ longer than the head and the thorax together. - - - MACROCHERAIA.
b. First joint of the antennæ not longer than the head and the thorax together.
* Fore area of the prothorax remote from the fore border. - - - - - IPHITA.
** Fore area of the prothorax extending to the fore border. - - - - - PHYSOPELTA.

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PYRRHOCORINA.

A. Hind wings most often complete, furnished with a hook.
a. Head contracted at the hind border beneath. - ANTILOCHUS.
b. Head not contracted at the hind border beneath.
* Bucculæ forming an acute angle, sometimes much elevated.
† Bucculæ moderately elevated.
‡ Head broader than the fore border of the prothorax. - - - - - ECTATOPS.
‡‡ Head and fore border of the prothorax equally broad. - - - - - EUSCOPUS.
†† Bucculæ much elevated. - - - ÆSCHINES.
** Bucculæ rounded, or with a rounded angle.
† First joint of the rostrum not shorter than the head.
‡ Fore wings most often complete, having a complete membrane and a straight or slightly bent apical border of the corium, very rarely abbreviated, truncated, and without a membrane.
§ Fore wings complete, with a distinct clavus.
× Sides of the prothorax not or very slightly reflexed. ODONTOPUS.
×× Sides of the prothorax most often reflexed.
o Body, at least beneath, silky.
-+ Fore femora unarmed. - - - - ROSCIUS.
-+-+ Fore femora with spines beneath near the tips.
++ Fore coxæ unarmed. - - - - MELAMPHAUS.
++++ Fore coxæ with a little spine. - - - STICTAULAX.
oo Body smooth.
-+ Eyes with short petioles. - - - CENÆUS.
-+-+ Eyes sessile.
++ Head convex. Third and fourth ventral incisures more or less curved. - - - DINDYMUS.
++++ Head flat in the middle. Ventral incisures straight. - - - - - PYRRHOPEPLUS.
§§ Fore wings abbreviated, truncated, with no membrane; clavus and corium as one. - - DERMATINUS.
‡‡ Apical border of the corium rounded; membrane reticulated, most often abbreviated. - PYRRHOCORIS.
†† First joint of the rostrum much shorter than the head - - - - - SCANTIUS.
B. Hind wings complete, without a hook.
a. Eyes very transverse. - - - LEPTOPHTHALMUS.
b. Eyes not or slightly transverse. - - - DYSDERCUS.

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Genus 1. MACROCHERAIA.

Macrocheraia, *Lefebvre*, *Guérin*—Macrocerœa, *Spinola*, *Ess. Hem.* 177—Astemma, *Brullé*—Lygæus, *Gray*—Lohita, *Serv. Hist. Hem.* 266. *Stal.*

1. MACROCHERAIA GRANDIS.

Lygæus grandis, *Gray*, *Griff. An. Kingd.* xv. pl. 92, f. 3—Macrocheraia grandis, *Guér. Ic. Règne An. Ins.* pl. 56, f. 3—Astemma grandis, *Brull. Hist. Nat. Ins.* ix. 383—Macrocerœa longicornis, *Spin. Ess. Hem.* 177—Lohita grandis, *Serv. Hem.* 266. *Stal*, *K. Sv. Vet. Ak. Handl.* 1870, 98.

a, *b*. Silhet. From Mr. Sowerby's collection.
c—*f*. Hindostan. Presented by J. C. Bowring, Esq.
g, *h*. Java. Presented by J. C. Bowring, Esq.
i—*n*. Penang. Presented by J. C. Bowring, Esq.
o. Manilla. Presented by W. W. Saunders, Esq.
p. Siam. Presented by W. W. Saunders, Esq.
q, *r*. Philippine Isles. From Dr. Cuming's collection.
s. ———? From Mr. Children's collection.

2. MACROCHERAIA LONGISSIMA.

Lohita longissima, *Stal*, *K. Sv. Vet. Ak. Handl.* 1870, 98.

Hindostan.

Genus 2. PYRRHOCORIS.

Pyrrhocoris, *Fall. Nov. Meth. Hem.* 9; *Hem. Suec.* 45. *Serv. Hist. Hem. Fieb. Eur. Hem.* 25—Platynotus, *Schill. Beitr. Ent.* i. 37—Meganotus, *De Lap. Ess. Hem.* 38—Cenæus, *Stal*, *Ofv. K. V. Ak. Forh.* 1861, 196; *Hem. Afr.* iii. 8—Dermatinus, *Stal*, *Ofv. K. V. Ak. Forh.* 1853, 260; *Hem. Afr.* iii. 12—Scantius, *Stal*, *Hem. Afr.* iii. 10—Pyrrhopeplus, *Stal*, *K. Sv. Vet. Ak. Handl.* 1870, 115.

Europe.

1. PYRRHOCORIS APTERUS.

———, *Geoffr. Ins.* i. 440, pl. 9, f. 4. *Stoll*, *Pun.* ii. pl. 15, f. 103. *Deg. Ins.* iii. 276. *Sulz. Ins.* pl. 10, f. 14—Cimex apterus, *Linn. Syst. Nat.* ii. 727. *Schr. Faun. Boic.* ii. 1, 81; *Ins. Austr.* 281. *Rossi*, *Faun. Etr.* ii. 241. *Fabr. Syst. Ent.* 721; *Sp. Ins.* ii. 169. *Goeze*, *Ent. Beitr.* ii. 213. *Schr. Ins. Austr.* 281. *Herbst*, *Naturg.* 4, 2172. *Vill. Ent.* i. 514. *Gmel. ed Syst. Nat.* i. 2172. *Tigny. Hist. Ins. ed.* 2, iv. 279, f. 5—Lygæus apterus, *Fabr. Ent. Syst.* iv. 161; *Syst. Rhyn.* 227. *Hausm. Ill. Mag.* i. 229. *Wolff*, *Ic. Cim.* iii. 108, pl. 11, f. 102. *Latr. Gen.* iii. 122—Ligæus apterus, *Walck. Faun. Par.* ii. 346—Pyrrhocoris Calmariensis, *Fall. Suppl. Cim. Suec.* 6; *Hem. Suec. Cim.* 45. *Thoms. Skand. Ins.* 113—Platynotus apterus, *Schill. Beitr.* 57. *Hahn*, *Wanz. Ins.* i. 19, pl. 3, f. 11. *Kol. Mel. Ent.* ii. 69—Astemma apterum, *Spin. Ess. Hem.* 178—Astemma aptera,

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Blanch. Hist. Ins. 129, pl. 5, f. 1—Pyrrhocoris apterus, *H.-Sch. Nom. Ent.* i. 43. *Burm. Handb. Ent.* ii. 286. *Serv. Hist. Hem.* 269. *Flor, Rhyn. Liv.* i. 212. *Fieb. Eur. Hem.* 163. *Dougl. and Scott, Hem.* 164. *Stal, K. Sv. Vet. Ak. Handl.* 1870, 115.

a—d. France. Presented by W. W. Saunders, Esq.
e—l. Switzerland. Presented by W. W. Saunders, Esq.
m, n. South Europe. Presented by R. M'Andrew, Esq.
o, p. Bagdad. Presented by W. K. Loftus, Esq.
q—z. ——?

2. Pyrrhocoris marginatus.

Platygaster marginatus, *Kol. Mel. Ent.* ii. 86, pl. 10, f. 22—Pyrrhocoris fuscopunctatus, *Stall, Stett. Ent. Zeit.* xix. 182—Pyrrhocoris marginatus, *Fieb. Eur. Hem.* 162. *Stal, K. Sv. Vet. Ak. Handl.* 1870, 116.

Transylvania. Caucasus. Siberia.

3. Pyrrhocoris Ægyptius.

Cimex Ægyptius, *Linn. Syst. Nat.* ii. 727; *Mus. Lud. Ulr.* 178. *Fabr. Syst. Ent.* 720; *Sp. Ins.* ii. 364; *Mant. Ins.* ii. 300. *Geoze, Ent. Beitr.* ii. 214. *Gmel. ed. Syst. Nat.* i. 2173—Lygæus Ægyptius, *Fabr. Ent. Syst.* iv. 155; *Syst. Rhyn.* 222—Platynotus Ægyptius, *Hahn, Wanz. Ins.* ii. 10, pl. 37, f. 121. *Fieb. Eur. Hem.* 163—Cimex Italicus, *Rossi, Faun. Etr.* 1323, pl. 7, f. 1—Astemma Ægyptium, *Spin. Ess. Hem.* 178—Platynotus Italicus, *Panz. Faun. Germ.* 118. *Kol. Mel. Ent.* ii. 70—Pyrrhocoris Ægyptius, *Ramb. Faun. And.* ii. 157. *Serv. Hist. Hem.* 270. *Fieb. Eur. Hem.* 163. *Mayr. Reise Nov. Hem.* 134—Scantius Ægyptius, *Stal, K. Sv. Vet. Ak. Handl.* 1870, 116.

a—d. Galilee, Syria. From Mr. Lowne's collection.
e. ——? Presented by W. W. Saunders, Esq.
f. ——? From Mr. Children's collection.
g—j. ——?

4. Pyrrhocoris Fieberi.

Fieberi, *Kuschakewitsch, Hor. Soc. Ent. Ross.* iv. 97, pl. 2, f. 1.

Amoor.

5. Pyrrhocoris Sibiricus.

Sibiricus, *Kuschakewitsch, Hor. Soc. Ent. Ross.* iv. 98.

Kiachta.

6. Pyrrhocoris carnifex.

Cimex, &c., *Deg. Ins.* vii. 629, pl. 16, f. 7, 8. *Retz.* 85—Cimex carnifex, *Fabr. Syst. Ent.* 721; *Spec. Ins.* ii. 366; *Mant. Ins.* ii. 301. *Goeze, Ent. Beitr.* ii. 258. *Gmel. ed. Syst. Nat.* i. 2174—Lygæus carnifex, *Fabr. Ent. Syst.* iv. 160; *Syst. Rhyn.* 266. *Thunb. Hem. Rostr. Cap,* iv. 1—Lygæus immaculatus, *Thunb. Hem. Rostr. Cap.* iv. 1—Pyrrhocoris scutellaris, *Hahn, Wanz. Ins.* ii. 1118, pl. 66, f. 119

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Pyrrhocoris carnifex, *Burm. Handb. Ent.* ii. 286—Astemma carnifex, *Blanch. Hist. Ins.* 129—Pyrrhocoris sanguineus, *Fieb. Eur. Hem.* 162—Cenæus carnifex, *Stal, Hem. Afr.* iii. 9; v. 255; *K. Sv. Vet. Ak. Handl.* 1870, 114—*Mayr, Reise Nov. Hem.* 134.

a—d. Interior of South Africa. Presented by the Earl of Derby in 1843.
e. Cape. From M. Drégé's collection.
f—h. Cape. Presented by R. W. Townsend, Esq.
i—l. Cape. Presented by G. A. J. Rothney, Esq.
m, n. South Africa. Presented by Sir A. Smith.
o, p. ———? From Mr. Children's collection.

Africa.

A. Eyes prominent.
a. Antennæ wholly black. - - - - pectoralis.
b. Fourth joint of antennæ pale. - - - apicicornis.
B. Eyes not prominent.
a. Fore wings not truncated.
* Fore border of prothorax black. - - - Forsteri.
** Fore border of prothorax pale. - - - aurantiacus.
b. Fore wings truncated.
* Legs wholly black.
† Prothorax with pale sides. - - - - limbifer.
†† Prothorax wholly black. - - - - tartareus.
** Legs partly pale. - - - - - lugens.

7. Pyrrhocoris Forsteri.

Cimex Forsteri, *Fabr. Sp. Ins.* ii. 368; *Mant. Ins.* ii. 302. *Gmel. ed. Syst. Nat.* i. 2177—Cimex clavimanus, *Fabr. Sp. Ins.* ii. 368; *Mant. Ins.* ii. 302—Cimex deustus, *Thunb. Nov. Ins. Sp.* ii. 58. *Gmel. ed. Syst. Nat.* i. 2168—Lygæus Forsteri, *Fabr. Ent. Syst.* iv. 164; *Syst. Rhyn.* 230—Lygæus clavimanus, *Fabr. Ent. Syst.* iv. 165; *Syst. Rhyn.* 231—Lygæus deustus, *Thunb. Hem. Rostr.* iv. 3—Pyrrhocoris clavimanus, *H.-Sch. Wanz. Ins.* viii. 102, pl. 283, f. 871—Pyrrhocoris Forsteri, *H.-Sch. Wanz. Ins.* viii. 102, pl. 283, f. 872—Dermatimus centralis, *Sgnt. A. S. E. F.* 3*me Sér.* viii. 952—Scantius Forsteri, *Stal, Hem. Afr.* iii. 10; *K. Sv. Vet. Ak. Handl.* 1870, 117.

Madagascar.

a—i. Interior of South Africa. Presented by the Earl of Derby in 1843.
j. Interior of S. Africa. From Mr. Stevens' collection.
k. l. South Africa. Presented by Sir A. Smith.
m—p. Cape. From M. Drégé's collection.
q—t. Cape. Presented by W. W. Saunders, Esq.
u—z. Cape. Presented by G. A. J. Rothney, Esq.
aa—dd. Cape. Presented by R. Trimen, Esq.
ee—hh. Sierra Leone. Presented by the Rev. D. F. Morgan.

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8. Pyrrhocoris aurantiacus.

Dermatinus? aurantiacus, *Sgnt. A. S. E. F.* 3*me Sér.* viii. 952, pl. 14, f. 3—Scantius aurantiacus, *Stal, Hem. Afr.* iii. 11; *K. Sv. Vet. Ak. Handl.* 1870, 117.

Madagascar.

9. Pyrrhocoris subapterus.

Astemma subapterum, *Spin. Ess. Hem.* 179—Scantius subapterus, *Stal, K. Sv. Vet. Ak. Handl.* 117.

Barbary.

10. Pyrrhocoris pectoralis.

Pyrrhocoris pectoralis, *Stal, Ofv. Vet. Ak. Forh.* 1855, 36—Cenæus pectoralis, *Stal, Hem. Afr.* iii. 9; *K. Sv. Vet. Ak. Handl.* 1870, 114.

Natal.

11. Pyrrhocoris apicicornis.

Odontopus apicicornis, *Fairm. Arch. Ent.* ii. 307—Cenæus apicicornis, *Stal, Berl. Ent. Zeit.* vii. 404; *Hem. Afr.* iii. 9; *K. Sv. Vet. Ak. Handl.* 1870, 114.

Gabon.

12. Pyrrhocoris limbifer.

Dermatinus limbifer, *Stal, Ofv. Vet. Ak. Forh.* 1855, 36; *Hem. Afr.* iii. 12; *K. Sv. Vet. Ak. Handl.* 1870, 114.

a. Interior of South Africa. Presented by the Earl of Derby in 1843.
b. Interior of South Africa. From Mr. Stevens' collection.

13. Pyrrhocoris tartareus.

Dermatinus tartareus, *Stal, Ofv. V. Ak. Forh.* 1855, 36; *Hem. Afr.* iii. 12; *K. Sv. Vet. Ak. Handl.* 1870, 114.

Caffraria.

14. Pyrrhocoris lugens.

Dermatinus lugens, *Stal, Ofv. V. Ak. Forh.* 1854, 236; *Hem. Afr.* iii. 12; *K. Sv. Vet. Ak. Handl.* 1870, 114—Pyrrhocoris lugens, *Stal, Eug. Resa, Ins. Hem.* 253.

Cape.

Asia.

A. Head black, with two luteous streaks. - - maculicollis.
B. Head red, black in front and behind. - - carduelis.
C. Head wholly black.
a. Corium white; costa red. - - - - fasciiventris.
b. Corium black. - - - - - indecorus.

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15. Pyrrhocoris carduelis.

Pyrrhocoris carduelis, *Stal, Berl. Ent. Zeit.* vii. 404—Pyrrhopeplus carduelis, *Stal, K. Sv. Vet. Ak. Handl.* 1870, 115.

a—d. Hong Kong. Presented by J. C. Bowring, Esq.

16. Pyrrhocoris vittiventris.

Fœm. *Niger, longi-ovalis; rostrum coxas posticas attingens; antennæ corporis dimidio longiores, articulo 4o luteo apice nigro; prothorax rufo antice et utrinque marginatus; abdomen rufum, subtus nigro-bivittatum; pedes rufi, femoribus anticis vix incrassatis subtus spinulosis; corium album, rufo submarginatum, nigro uniplagiatum et uniguttatum.*

Female. Black, elongate-oval, flat, punctured. Head triangular. Eyes piceous, not prominent. Rostrum extending to the hind coxæ. Antennæ more than half the length of the body; first joint longer than the head; second very much shorter than the first; third much shorter than the second; fourth luteous, black at the tip, longer than the third. Prothorax with a well-defined transverse furrow at somewhat before the middle; fore border and sides red. Abdomen red, with a black stripe on each side beneath. Legs red; fore femora hardly incrassated, with some minute spines beneath. Corium of the fore wings white; costa and interior border red; a large black patch in the disk and a black apical dot. Length of the body 4½—5 lines.

a. North Hindostan. From Capt. Boyes' collection.
b. North Hindostan. From Mr. Warwick's collection.
c. North Hindostan. From Dr. Hooker's collection.

17. Pyrrhocoris maculicollis.

Fœm. *Lutescens, ellipticus, nigro punctatus, subtus niger; caput luteo bistrigatum; rostrum coxas intermedias attingens; antennæ nigræ, corporis dimidio non longiores; prothorax luteus, lateribus calloque nigro-bimaculato pallidioribus; pectoris segmenta albo maculata et marginata; abdominis dorsum nigrum, segmentis luteo marginatis; connexivum luteum; membrana cinerea, fusco venosa.*

Female. Dull testaceous, elliptical, black-punctured, black, smooth and shining beneath. Head triangular, with two luteous streaks on the vertex; middle lobe pale luteous. Eyes not prominent. Rostrum extending to the middle coxæ. Antennæ black, hardly half the length of the body; first joint nearly as long as the head; second shorter than the first; third much shorter than the second; fourth a little shorter than the second. Prothorax luteous, paler along each side and having at somewhat before the middle a paler transverse callus which includes two black spots. Pectoral segments with three white spots on each side and with white hind borders. Abdomen black above; hind borders of the segments luteous. Connexivum luteous. Fore femora slightly incrassated. Wings not

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extending to the tip of the abdomen. Membrane cinereous; veins brown. Length of the body 4½ lines.

a. North China. From Mr. Fortune's collection.

18. PYRRHOCORIS INDECORUS.

Mas. *Niger, ellipticus, cinereo tomentosus, prothoracis lateribus coriique costa apice excepto luteis; rostrum coxas posticas attingens; antennæ corpore multo breviores, articulo 4o basi flavo.*

Male. Black, elliptical, very finely punctured, with cinereous tomentum. Eyes rather prominent. Rostrum extending to the hind coxæ. Antennæ much shorter than the body; first joint much longer than the head; second much shorter than the first; third much shorter than the second; fourth as long as the second, yellow towards the base. Prothorax with a well-defined transverse furrow at hardly more than one-third of the length from the fore border; sides luteous. Legs rather stout. Costa of the corium luteous, except towards the tip. Length of the body 4½ lines.

a. Siam. Presented by W. W. Saunders, Esq.

Eastern Isles.

19. PYRRHOCORIS RAMOSUS.

Fœm. *Niger, ellipticus, pubescens; rostrum coxas posticas attingens; antennæ corporis dimidio non longiores, articuli 4i dimidio basali luteo; prothorax utrinque et postice luteo marginatus; ventris latera atro maculata; corium luteum, nigro punctatum unimaculatum et uniguttatum; membranæ venæ luteæ, ramosæ.*

Female. Black, elliptical, with cinereous tomentum. Head triangular. Eyes ferruginous, very prominent. Rostrum extending to the hind coxæ. Antennæ almost half the length of the body; first joint a little longer than the head; second much shorter than the first; third a little shorter than the second; fourth luteous for half the length from the base, stouter than the preceding joints, a little longer than the second. Prothorax with a well-defined transverse furrow at somewhat in front of the middle; sides and hind border luteous. Abdomen beneath with deep black dots along each side. Fore femora slightly incrassated. Corium luteous, black-punctured, with a very large black spot in the disk and with a black apical dot. Membrane with luteous branched veins. Length of the body 5 lines.

a. Sarawak. Presented by W. W. Saunders, Esq.

Australia.

20. PYRRHOCORIS LATERALIS.

Fœm. *Niger, ellipticus, pubescens; rostrum piceum, coxas posticas attingens; antennæ corpore multo breviores, articulo 4o albo-unifasciato; prothoracis anguli postici rufi; segmenta pectoralia rufo marginata; corium rufo bimaculatum.*

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Female. Black, elliptical, pubescent. Head triangular. Eyes not prominent. Rostrum piceous, extending to the hind coxæ. Antennæ much shorter than the body; first joint longer than the head; second as long as the first; third much shorter than the second; fourth with a white band near the base, a little longer than the first. Prothorax with a slight transverse middle furrow; hind angles red. Pectoral segments bordered with dark red. Fore femora slightly incrassated, setulose beneath. Corium with two large red triangular spots, one at the base, the other beyond the middle. Length of the body 3½ lines.

a. Moreton Bay. From Mr. Diggles' collection.

Genus 3. ROSCIUS.

Roscius, *Stal*, *Hem. Afr.* iii. 8.

1. Roscius elongatus.

Pyrrhocoris elongatus, *Schaum*, *Ber. Akad. Wiss. Berl.* 1853, 358; *Peters*, *Reise Mozamb. Ins.* 46—Roscius elongatus, *Stal*, *Hem. Afr.* iii. 8; *K. Sv. Vet. Ak. Handl.* 1870, 109.

Mozambique.

2. Roscius longirostris.

Cimex longirostris, *Drury*, *Ins.* iii. 60, pl. 43, f. 5—Lygæus Guineensis, *Fabr. Syst. Rhyn.* 216—Roscius (Callibaphus) longirostris, *Stal*, *Hem. Fabr.* i. 83—Callibaphus longirostris, *Stal*, *K. Sv. Vet. Ak. Handl.* 1870, 108.

Guinea.

3. Roscius quadriplagiatus.

Pyrrhocoris quadriplagiatus, *Schaum*, *Ber. Akad. Wiss. Berl.* 1853, 358; *Pet. Reise Mossamb. Ins.* 45—Roscius quadriplagiatus, *Stal*, *K. Sv. Vet. Ak. Handl.* 1870, 108.

Mozambique.

Var.? Mas. *Niger, fusiformis, subtus rufus; caput antice rufum; rostrum segmenti 2i ventralis marginem posticum attingens; antennæ basi rufæ; prothorax flavo marginatus; pectus albo sex-maculatum; pedes longi, graciles; corium maculis duabus strigaque costali basali flavis.*

Male. Black, fusiform, red beneath. Head red in front of the eyes, which are piceous and slightly prominent. Rostrum black, extending to the hind border of the second ventral segment. Antennæ black, slender; first joint red at the base, much longer than the head. Prothorax with a yellow border, which is broadest along the hind angles; transverse furrow very slight; sides hardly elevated. Pectus with three large white spots on each side of the disk near the coxæ. Legs black, long, slender; fore femora unarmed. Corium with two large yellow spots which join the costa; first spot connected with a yellow costal streak, which extends from the base. Length of the body 10 lines.

a. Congo. Presented by Sir J. Richardson.

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4. Roscius fasciatus.

Mas. *Rufus, fusiformis, subtus niger; rostrum segmenti 3i ventralis marginem posticum attingens, articulis 3o 4oque nigris; antennæ nigræ, corpore multo breviores; prothoracis discus anticus niger; segmenta pectoralia et ventralia rufo marginata; pedes rufi, femoribus quatuor anterioribus nigro vittatis, femoribus posticis tibiisque nigris basi apiceque rufis; corium fascia maculaque subapicali nigris; membrana cinerea.*

Male. Red, fusiform, black beneath. Head black at the base above and more so beneath; middle lobe very prominent. Rostrum extending to the hind border of the third ventral segment; first, second and third joints about equal in length; first and second red; third and fourth black; fourth about half the length of the third. Antennæ black, much shorter than the body; first joint much longer than the head; second rather shorter than the first; third a little more than half the length of the second; fourth as long as the second. Prothorax with a strongly marked transverse furrow at somewhat in front of the middle; disk of the fore part black; sides reflexed; hind angles much rounded. Hind borders of the pectoral and ventral segments red. Legs red; four anterior femora striped with black; tibiæ and hind femora black, except at the base and towards the tips. Corium with a black middle band and with a subapical black spot. Membrane cinereous. Length of the body 12 lines.

a. Sierra Leone. From Mr. Foxcroft's collection.

Genus 4. ÆSCHINES.

Æschines, *Stal, Berl. Ent. Zeit.* vii. 402.

1. Æschines bucculatus.

Æschines bucculatus, *Stal, Berl. Ent. Zeit.* vii. 402.

Sarawak.

Genus 5. ODONTOPUS.

Odontopus, *De Lap. Ess. Hem.* 37. *Stal, Hem. Afr.* iii. 6—Antilochus, *Stal, Berl. Ent. Zeit.* vii. 393.

Africa.

A. Head deflexed.
a. Corium with a black band. - - - nigrocruciatus.
b. Corium with two black marks.
* Prothorax not black. - - - - bipunctatus.
** Prothorax with a black disk - - - Boerhaviæ.
B. Head porrect.
a. Corium with two spots. - - - - sexpunctatus.
b. Corium with a band. - - - - Madagascariensis.
c. Corium without marks.
* Head with a black band. - - - - flavipes.
** Head wholly black. - - - - nigriceps.

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1. Odontopus sexpunctatus.

sexpunctatus, *De Lap. Ess. Hem.* 37, pl. 53, f. 5. *Serv. Hist. Hem.* 271. *Guér. Lefeb. Voy. Abyss.* vii. 341. *Stal, Hem. Afr.* iii. 6; *K. Sv. Vet. Ak. Handl.* 1870, 109.

a—*c*. South Africa. From Mr. Children's collection.
d—*h*. East Africa. Presented by Earl Russell.
i. West Africa. From Mr. Carter's collection.
j. Madagascar. Presented by J. Caldwell, Esq.
k. Congo. Presented by Sir J. Richardson.
l, *m*. Angola. Presented by J. J. Monteiro, Esq.
n. Gambia. Presented by W. W. Saunders, Esq.
o—*q*. ——— ? From Mr. Children's collection.
r—*w*. ——— ?

2. Odontopus Madagascariensis.

Astemma Madagascariensis, *Blanch. Dict. Hist. Nat.* pl. 6, f. 8—Odontopus Madagascariensis, *Sgnt. A. S. E. F.* 3*me Sér.* viii. 953—*Stal, Hem. Afr.* iii. 6; *K. Sv. Vet. Ak. Handb.* 1870, 109.

Madagascar.

3. Odontopus flavipes.

Dysdercus flavipes, *Sgnt. Arch. Ent.* ii. 308—Dysdercus nigrotarsus, *Sgnt. Arch. Ent.* ii. 308—Dysdercus? flavipes, *Stal, Berl. Ent. Zeit.* viii. 403—Odontopus flavipes, *Stal, Hem. Afr.* iii. 7—Dindymus flavipes, *Stal, K. Sv. Vet. Ak. Handl.* 1870, 113.

Gabor. Grand Bassan.

4. Odontopus nigriceps.

Pyrrhocoris nigriceps, *Stal, Ofv. V. Ak. Forh.* 1855, 35—Odontopus nigriceps, *Stal, Hem. Afr.* iii. 7—Dindymus nigriceps, *Stal, K. Sv. Vet. Ak. Handl.* 1870, 113.

Caffraria.

5. Odontopus nigrocruciatus.

Odontopus nigrocruciatus, *Stal, Ofv. V. Ak. Forh.* 1855, 35—Antilochus nigrocruciatus, *Stal, Berl. Ent. Zeit.* vii. 395; *Hem. Afr.* iii. 5; *K. Sv. Vet. Ak. Handl.* 1870, 104.

Caffraria.

6. Odontopus bipunctatus.

Odontopus bipunctatus, *Sgnt. A. S. E. F.* 3*me Sér.* viii. 953—Antilochus bipunctatus, *Stal, Berl. Ent. Zeit.* vii. 395; *Hem. Afr.* iii. 5; *K. Sv. Vet. Ak. Handl.* 1870, 104.

Madagascar.

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7. Odontopus Boerhaviæ.

Lygæus Boerhaviæ, *Fabr. Ent. Syst.* iv. 152; *Syst. Rhyn.* 220—Antilochus Boerhaviæ, *Stal, Berl. Ent. Zeit.* vii. 393; *Hem. Afr.* iii. 4; *Hem. Fabr.* i. 81; *K. Sv. Vet. Ak. Handl.* 1870, 104.

Senegal. Guinea.

Var. ♀ *Female.* Black, elliptical, red beneath. Head triangular, red in front of the eyes, which are piceous and rather prominent. Rostrum red, black towards the tip, extending to the middle coxæ. Antennæ black, slender, shorter than the body; first joint much longer than the head; second longer than the first; third as long as the first. Prothorax with a strongly marked transverse middle furrow, and with a red border which is broadest on the hind part; sides elevated. Pectus with a very broad black stripe on each side. Abdomen red; under side with a white band on the fore border of each segment. Legs black, rather stout, moderately long; femora towards the base, trochanters and coxæ red. Corium of the fore wings luteous at the base and with a broad luteous subapical band. Length of the body 6—7 lines.

a. Zoolu. Presented by G. F. Angas, Esq.
b. Natal. From M. Gueinzius' collection.
c. Natal. From Mr. Argent's collection.
d. Natal. From Mr. Plant's collection.

Arabia.

8. Odontopus dilectus.

Mas. *Ochraceus, fusiformis; rostrum coxas posticas attingens; antennæ corporis dimidio longiores; prothorax sulculis duobus transversis nigris, 1o arcuato; scutellum basi nigrum; abdominis latera nigro guttata; corium nigro uniguttatum et bimaculatum; membrana albida.*

Male. Orange-red, fusiform. Eyes black. Rostrum extending to the hind coxæ. Antennæ rather more than half the length of the body; first joint as long as the head; second a little shorter than the first; third much shorter than the second; fourth longer than the third, shorter than the second. Prothorax with two slight black transverse abbreviated furrows; one in the middle; the other curved, near the fore border. Scutellum black at the base. Pectoral and ventral segments with piceous sutures, the latter and the dorsal segments with black dots on each side. Corium with a small black spot near the interior angle, with a black dot between the spot and the costa, and with a larger black subapical spot. Membrane whitish. Length of the body 7 lines.

a. Aden, Arabia. Presented by J. C. Bowring, Esq.

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Asia.

A. Head not deflexed.
a. Antennæ not banded.
* Membrane brown. - - - - - nigricornis.
** Membrane whitish. - - - - - binotatus.
b. Antennæ banded. - - - - - varicornis.
B. Head deflexed.
a. Legs not striped.
* Legs red. - - - - - - scutellaris.
** Legs not wholly black.
† Membrane black. - - - - - Coquebertii.
†† Membrane pale brownish, with a black spot. - - russus.
*** Legs wholly black. - - - - - nigripes.
b. Legs striped. - - - - - - lineatipes.

9. Odontopus Coquebertii.

Cimex augur, var. a, *Thunb. Nov. Ins. Sp.* iii. 58—Lygæus Coquebertii, *Fabr. Syst. Rhyn.* 222—Pyrrhocoris Coquebertii, *Burm. Handb. Ent.* ii. 284. *H.-Sch. Wanz. Ins.* vi. 77, pl. 206, f. 647—Astemma Coquebertii, *Blanch. Hist. Ins.* 128—Odontopus Coquebertii, *Stal, Ofv. Vet. Ak. Forh.* 1855, 390—Antilochus Coquebertii, *Stal, Berl. Ent. Zeit.* vii. 394; *K. Sv. Vet. Ak. Forh.* 1870, 103.

a. Ceylon. Presented by Dr. Templeton.
b—e. Hindostan. From Mr. Children's collection.
f. Mount Ophir. Presented by W. W. Saunders, Esq.
g. Formosa. Presented by Dr. Collingwood.
h. ——— ? Presented by W. W. Saunders, Esq.
i. ——— ? From Mr. Vigors' collection.

10. Odontopus varicornis.

Cimex varicornis, *Fabr. Mant. Ins.* ii. 298; *Gmel. ed. Syst. Nat.* i. 271—Lygæus varicornis, *Fabr. Ent. Syst.* iv. 151; *Syst. Rhyn.* 220—Odontopus sanguinoleus, *Serv. Hist. Hem.* 271—Odontopus varicornis, *Stal, Hem. Fabr.* i. 81; *K. Sv. Vet. Ak. Handl.* 1870, 110.

Hindostan. Ceylon. Java.

11. Odontopus nigricornis.

nigricornis, *Stal, Stett. Ent. Zeit.* xxii. 146; *Berl. Ent. Zeit.* vii. 393; *K. Sv. Vet. Ak. Handl.* 1870, 109.

Bombay.

12. Odontopus lineatipes.

Odontopus lineatipes, *Stal, Ofv. K. V. Ak. Forh.* 1858, 441—Dysdercus lineatipes, *Sgnt. MSS., Dohrn, Stett. Ent. Zeit.* xxi. 405—Antilochus lineatipes, *Stal, Berl. Ent. Zeit.* vii. 395; *K. Sv. Vet. Ak. Handl.* 1870, 104.

Ceylon.

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13. Odontopus binotatus.

binotatus, *Stal, Berl. Ent. Zeit.* vii. 393; *K. Sv. Vet. Ak. Handl.* 1870, 109 —nigricornis, var.?

Siam.

14. Odontopus nigripes.

Pyrrhocoris nigripes, *Burm. Handb. Ent.* ii. 284—Physopelta rubricosa, *Stal, Ofv. K. V. Ak. Forh.* 1854, 236—Antilochus nigripes, *Stal, Berl. Ent. Zeit.* vii. 394; *K. Sv. Vet. Ak. Forh.* 1870, 103.

China. Manilla.

15. Odontopus russus.

Antilochus russus, *Stal, Berl. Ent. Zeit.* vii. 394; *K. Sv. Vet. Ak. Handl.* 1870, 103.

Hindostan.

16. Odontopus scutellaris.

Mas. *Rufus, fusiformis; rostrum coxas posticas attingens; antennæ nigræ, corporis dimidio longiores, basi rufæ; scutellum nigrum, basi apiceque rufum; corium nigro biguttatum; membrana nigra.*

Male. Red, fusiform, smooth. Head elongate-triangular; middle lobe slightly prominent. Eyes black, not prominent. Rostrum extending to the hind coxæ. Antennæ black, rather more than half the length of the body; first joint red, longer than the head, with a few minute bristles on the inner side; second red at the base, a little shorter than the first; third much shorter than the second; fourth a little longer than the third. Prothorax with two strongly-defined transverse furrows, the fore one curved, the hind one abbreviated; sides not elevated. Scutellum black, red on each side and at the tip. Fore femora very slightly incrassated, with a few minute teeth beneath; tibiæ minutely setulose. Corium with a black dot near the interior angle and another near the exterior angle; membrane black. Length of the body 7 lines.

a. North Bengal. From Lieut. Campbell's collection.

Eastern Isles.

A. Membrane black.
 a. Antennæ wholly black.
  * Abdomen beneath with a black disk. - - - reflexus.
  ** Abdomen beneath with black bands. - - - discifer.
 b. Antennæ with the fourth joint white. - - - discoidalis.
B. Membrane black, with a pale border. - - - histrionicus.

17. Odontopus histrionicus.

Antilochus histrionicus, *Stal, Berl. Ent. Zeit.* vii. 395; *K. Sv. Vet. Ak. Handl.* 1870, 104.

Ceram. Timor.

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18. ODONTOPUS REFLEXUS.

Antilochus reflexus, *Stal, Berl. Ent. Zeit.* vii. 395; *K. Sv. Vet. Ak. Handl.* 1870, 105.

Mysol. New Guinea.

19. ODONTOPUS DISCOIDALIS.

Pyrrhocoris discoidalis, *Burm. Nov. Act. Acad. Leop.* xvi. *Supp.* 299, pl. 41, f. 12; *Handb. Ent.* ii. 284—Physopelta hæmorrhoidalis, *Stal, Ofv. K. V. Akad. Forh.* 1854, 236—Antilochus discoidalis, *Stal, Berl. Ent. Zeit.* vii. 394; *K. Sv. Vet. Ak. Handl.* 1870, 104.

Manilla.

20. ODONTOPUS DISCIFER.

Antilochus discifer, *Stal, Berl. Ent. Zeit.* vii. 394; *K. Sv. Vet. Ak. Handl.* 1870, 104.

Borneo.

Genus 6. DYSDERCUS.

Dysdercus, *Serv. Hist. Hem.* 272. *Stal, Hem. Afr.* iii. 13—Astemma, *De Lap. Ess. Hem.* 37—Piezodera, *Sgnt. A. S. E. F.* 3*me Sér.* viii. 953.

North America.

1. DYSDERCUS SUTURELLUS.

Pyrrhocoris suturellus, *H.-Sch. Wanz. Ins.* vi. 76, pl. 206, f. 645—Dysdercus suturellus, *Stal, K. Sv. Vet. Ak. Handl.* 1870, 123.

North America?

Mexico.

A. Corium with a black stripe, or black with a pale costa.
a. Body with bands beneath. - - - - mimus.
b. Body with no bands beneath. - - - flavolimbatus.
B. Corium with a black spot.
a. Membrane brown. - - - - - obliquus.
b. Membrane black.
* Corium white.
† Head red. - - - - - - albidiventris.
†† Head black. - - - - - - concinnus.
** Corium luteous. - - - - - mundus.

2. DYSDERCUS OBLIQUUS.

Pyrrhocoris obliquus, *H.-Sch. Wanz. Ins.* vii. 19, pl. 223, f. 701—Dysdercus obliquus, *Stal, K. Sv. Vet. Ak. Handl.* 1870, 121—Dysdercus bimaculatus, *Stal, Ofv. Vet. Ak. Forh.* 1854; *Eug. Resa, Ins.* 253.

Puna. Isle St. Joseph.

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a, *b*. Mexico. Presented by W. W. Saunders, Esq.
c. Mexico. From Mr. Argent's collection.
d. Chiaspas, Mexico. Presented by F. Walker, Esq.
e, *f*. Mexico. Presented by E. P. Coffin, Esq.
g. ———?
Var.—*h*. Columbia. From M. Goudot's collection.
Var.—*i*. Brazil.

3. Dysdercus mimus.

Capsus mimus, *Say*, *New Harm. Ind. Dec.* 1831; *Works*, *Ed. Leconte*, i. 338—Dysdercus mimus, *Stal*, *Stett. Ent. Zeit.* xxiii. 31, 6; *K. Sv. Vet. Ak. Handl.* 1870, 120.

a—*m*. Chiaspas, Mexico. Presented by F. Walker, Esq.
n. Mexico. Presented by W. W. Saunders, Esq.
o. St. Domingo. Presented by W. W. Saunders, Esq.
p. St. Domingo. From Mr. Tweedie's collection.
q. St. Domingo. From Mr. Hearne's collection.
r. West Coast of North America. Presented by Capt. Kellett and Lieut. Wood.

4. Dysdercus albidiventris.

Capsus mimus, *Say*, *New Harm. Ind. Dec.* 1831; *Works*, *Ed. Leconte*, i. 338, ex parte—Dysdercus albidiventris, *Stal*, *Ofv. K. V. Ak. Forh.* 1854, 236; *Stett. Ent. Zeit.* xxiii. 315; *K. Sv. Vet. Ak. Handl.* 1870, 121.

a, *b*. Mexico. Presented by E. P. Coffin, Esq.
c. Mexico. Presented by W. W. Saunders, Esq.
d. ———?

5. Dysdercus concinnus.

concinnus, *Stal*, *Ofv. K. V. Ak. Forh.* 1861, 198; *K. Sv. Vet. Ak. Handl.* 1870, 121.

Bogota. New Granada.

a. Chiaspas, Mexico. Presented by F. Walker, Esq.
b. Honduras. From Mr. Dyson's collection.

6. Dysdercus flavolimbatus.

flavolimbatus, *Stal*, *Ofv. K. V. Ak. Forh.* 1861, 198; *K. Sv. Vet. Ak. Handl.* 1870, 121.

a. Oajaca, Mexico. From M. Hartweg's collection.
b. Honduras. From Mr. Dyson's collection.
c. ———?

7. Dysdercus lunulatus.

lunulatus, *Uhler*, *Proc. Ent. Soc. Phil.* i. 24. *Stal*, *K. Sv. Vet. Ak. Handl.* 1870, 124.

Mexico.

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8. Dysdercus mundus.

Mas. *Rufus, fusiformis, rostro antennis prothorace postice pedibus membranaque nigris; rostrum segmentum 1um ventrale attingens; antennæ corpore multo breviores, articulo 1o basi rufo; prothoracis margo anticus albus nigro lineatus; segmenta pectoralia et ventralia albo marginata; femora rufa; corium luteum, macula nigra maxima.*

Male. Red. Eyes, tip of the rostrum, antennæ, prothorax between the transverse furrow and the hind border, legs and membrane black. Rostrum extending to the middle of the first ventral segment. Antennæ much shorter than the body; first joint red at the base, much longer than the head; second very much shorter than the first; third very much shorter than the second; fourth a little shorter than the first. Prothorax with a strongly-marked transverse furrow before the middle, with reflexed sides, and with a black line along the fore border, which is white. Hind borders of the pectoral and of the ventral segments white. Femora red. Corium luteous, with a very large black spot which extends from the middle of the costa nearly to the interior border. Length of the body 7 lines.

a. Mexico. From Mr. Glennie's collection.

West Indies.

A. Corium bordered with white. - - - Andreæ.
B. Corium not bordered with white.
a. Corium spotted. - - - - - Jamaicensis.
b. Corium not spotted. - - - - fervens.

9. Dysdercus Andreæ.

Cimex Andreæ, *Linn. Mus. Lud. Ulr.* 172; *Syst. Nat.* i. 2, 727—Cimex suturalis, *Fabr. Syst. Ent.* 721; *Sp. Ins.* ii. 365; *Mant. Ins.* ii. 301. *Goeze, Ent. Beitr.* ii. 257; *Gmel. ed. Syst. Nat.* i. 2174—Lygæus suturalis, *Fabr. Ent. Syst.* iv. 159; *Syst. Rhyn.* 225. *Wolff. Cim. Ic.* i. 29, f. 29—Pyrrhocoris suturalis, *Burm. Handb. Ent.* ii. 285; *H.-Sch. Wanz. Ins.* vii. 17, pl. 223, f. 698—Dysdercus Andreæ, *Stal, Berl. Ent. Zeit.* x. 382; *Hem. Fabr.* i. 85; *K. Sv. Vet. Ak. Handl.* 1870, 122.

a, b. St. Domingo. Presented by W. W. Saunders, Esq.
c, d. St. Domingo.
e. St. Domingo. From Mr. Tweedie's collection.
f. Jamaica. From Mr. Gosse's collection.
g—l. West Indies. From Mr. Children's collection.
m. St. John. Presented by F. Walker, Esq.

10. Dysdercus sanguinarius.

sanguinarius, *Stal, K. Sv. Vet. Ak. Handl.* 1870, 122.

Cuba.

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11. Dysdercus Jamaicensis.

Mas. *Rufus, rostro antennis pedibus membranaque nigris; rostrum basi rufum, segmentum 1um ventrale attingens; antennæ corpore multo breviores, articulo 1o basi rufo; pectus nigro quadrimaculatum; femora rufa; corium nigro bimaculatum et uniguttatum.*

Male. Red. Eyes, rostrum, antennæ, legs and membrane black. Rostrum red towards the base, extending to the hind border of the first ventral segment. Antennæ much shorter than the body; first joint red at the base, longer than the head; second very much shorter than the first; third very much shorter than the second; fourth as long as the first. Prothorax with a strongly-marked transverse furrow near the fore border and with reflexed sides. Propectus with a transverse black streak, mesopectus and metapectus with a black spot on each side. Femora red; fore femora spinulose beneath near the tips. Corium with a black spot on the inner border near the base, with a large black spot which extends from the middle of the costa nearly to the interior border, and with a black apical dot. Length of the body 5—6 lines.

a. Jamaica. Presented by W. W. Saunders, Esq.
c, d. Jamaica. From Mr. Gosse's collection.

This and the following species are distinguished from D. sanguinarius by the shorter rostrum.

12. Dysdercus fervens.

Mas. *Ochraceus, fusiformis; rostrum apicem versus nigrum; segmenti 1i ventralis marginem posticum attingens; antennæ nigræ, basi rufæ, corpore multo briviores; tibiæ tarsique nigra; corium nigro uniguttatum; membrana nigra, albo marginata.*

Male. Bright scarlet, fusiform, very finely punctured. Head elongate-triangular. Eyes black, slightly prominent. Rostrum black towards the tip, extending to the hind border of the first ventral segment. Antennæ black, much shorter than the body; first joint red towards the base, longer than the head; second shorter than the first; third much shorter than the second; fourth a little longer than the first. Prothorax with a transverse callus between the fore border and the well-defined transverse furrow. Tibiæ and tarsi black; fore femora beneath with a subapical spine. Corium with a black dot in the disk beyond the middle; membrane black, with a narrow white border. Length of the body 5 lines.

a, b. St. Domingo. From Mr. Tweedie's collection.

South America.

A. Rostrum not longer than the body.
a. Corium pale.
* Prothorax not black in front.
† Corium with no defined black spot. - - - ruficollis.
†† Corium with a defined black spot. - - - bimaculatus.
** Prothorax black in front. - - - - Peruvianus.
b. Corium black. - - - - - ruficeps.
B. Rostrum longer than the body. - - - longirostris.

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13. Dysdercus ruficollis.

Cimex fulvoniger, *Deg. Ins.* iii. 340, pl. 34, f. 21—Cimex ruficollis, *Lin. Mus. Lud. Ulr.* 180. *Fabr. Syst. Ent.* 179; *Sp. Ins.* ii. 364; *Mant. Ins.* ii. 299. *Goeze, Ent. Beitr.* ii. 256. *Gmel. ed. Syst. Nat.* i. 2171—Lygæus ruficollis, *Fabr. Ent. Syst.* iv. 153; *Syst. Rhyn.* 221—Lygæus annulus, *Fabr. Syst. Rhyn.* 227—Pyrrhocoris annulus, *Hahn, Wanz. Ins.* ii. 13, pl. 38, f. 123—Pyrrhocoris ruficollis, *Burm. Handb. Ent.* ii. 285—Astemma ruficollis, *Blanch. Hist. Ins.* 129—Astemma annulus, *Blanch. Hist. Ins.* 129—Dysdercus ruficollis, *Stal, Berl. Ent. Zeit.* x. 382; *Hem. Fabr.* i. 84; *K. Sv. Vet. Ak. Handl.* 1870, 122.

a, b. Cayenne. Presented by W. W. Saunders, Esq.
c. Colombia. Presented by W. W. Saunders, Esq.
d. Colombia. From M. Goudot's collection.
e. Venezuela. From Mr. Birschell's collection.
f—k. Rio Janeiro. Presented by J. Gray, Esq.
l—q. Rio Janeiro. Presented by the Rev. H. Clark.
r. Tejuca. Presented by the Rev. H. Clark.
s. Rio Janeiro. From the Entomological Society's collection.
t, u. Demerara. Presented by F. Moore, Esq.
v. Quito. Presented by W. Hewitson, Esq.
w. Venezuela. From Mr. Birschell's collection.

14. Dysdercus ruficeps.

Lygæus ruficeps, *Perty, Del. An. Art. Mas.* 172, pl. 34, f. 7. *H.-Sch. Wanz. Ins.* iii. 95, f. 319—Astemma ruficeps, *Blanch. Hist. Ins.* 129—Dysdercus ruficeps, *Stal, K. Sv. Vet. Ak. Handl.* 1870, 123.

a. Colombia. From M. Goudot's collection.
b. Bolivia. From Mr. Bridges' collection.
c. Para. Presented by Gordon Graham, Esq.
d. Amazon Region. Presented by W. W. Saunders, Esq.

Var.? Male. Black, fusiform, red beneath. Head shining, elongate-triangular, red in front. Eyes black, slightly prominent. Rostrum extending to the hind border of the first ventral segment. Antennæ a little shorter than the body; first joint longer than the head; second much shorter than the first; third much shorter than the second; fourth as long as the first. Prothorax with a very narrow white border, red between the fore border and a strongly-marked transverse furrow, which is somewhat in front of the middle; sides reflexed. Pectoral segments bordered with white; mesopectus black. Legs black, long, slender; coxæ and trochanters red; fore femora with a subapical spine beneath. Corium and membrane with a whitish costa. Length of the body 6 lines.

e, f. South America? Presented by Sir J. Liddell.

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15. Dysdercus Peruvianus.

Peruvianus, *Guér. Voy. Coquille, Ins.* 178, pl. 12, f. 16. *Stal. K. Sv. Vet. Ak. Handl.* 1870, 121.

California. Guayaquil. Puna. Honolulu.

a—c. South America. Presented by Sir E. Belcher.

16. Dysdercus longirostris.

longirostris, *Stal, Ofv. K. V. Ak. Forh.* 1861, 198; *K. Sv. Vet. Ak. Handl.* 1870, 123.

Brazil.

17. Dysdercus rusticus.

rusticus, *Stal, K. Sv. Vet. Ak. Handl.* 1870, 123.

New Granada. Bogota.

18. Dysdercus bimaculatus.

bimaculatus, *Stal, Ofv. K. V. Ak. Forh.* 1854, 236; *Eug. Resa*, 253.

Isle St. Joseph, Gulf of Panama. Puna, near Guayaquil.

Var.? *a.* Brazil.

19. Dysdercus rufipes.

rufipes, *Stal, K. Sv. Vet. Ah. Handl.* 1870, 12—concinnus, *var.?*

Bogota.

Africa.

A. Sides of the prothorax dilated. - - - ruber.
B. Sides of the prothorax straight or slightly curved.
a. First and second joints of the antennæ equally long. fasciatus.
b. First joint of the antennæ longer than the second.
* Borders of the odoriferous apertures black. - nigrofasciatus.
** Borders of the odoriferous apertures yellow or testaceous.
† Prothorax with a black band. - - - superstitiosus.
†† Prothorax with no black band.
‡ Corium with no black band. - - - flavidus.
‡‡ Corium with a black band. - - - hæmorrhoidalis.

20. Dysdercus superstitiosus.

———, *Stoll, Pun.* f. 5, 125—Cimex superstitiosus, *Fabr. Syst. Ent.* 719; *Sp. Ins.* ii. 364; *Mant. Ins.* ii. 299. *Goeze, Ent. Beitr.* ii. 256. *Gmel. ed. Syst. Nat.* i. 2171—Lygæus superstitiosus, *Fabr. Ent. Syst.*

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iv. 153; *Syst. Rhyn.* 221—Lygæus Kœnigii, *Wolff*, *Ic. Cim.* i. 28, f. 28, ex parte—Dysdercus superstitiosus, *Stal, Hem. Afr.* iii. 15; *K. Sv. Vet. Ak. Handl.* 1870, 118.

a—*c*. Sierra Leone. Presented by the Rev. D. F. Morgan.
f—*h*. Sierra Leone. From Mr. Foxcroft's collection.
i—*l*. Congo. Presented by Sir J. Richardson.
m, *n*. Gambia.
o. Gambia. Presented by W. W. Saunders, Esq.
p. South Africa. Presented by Sir A. Smith.
q. West Africa. From Mr. Stevens' collection.
West Africa. Presented by W. W. Saunders, Esq.
r, *s*. Cape. From M. Drégé's collection.
t. Cape? Presented by Sir J. Liddell.
u. Mauritius. From Dr. Beke's collection.
v, *w*. East Africa. Presented by Earl Russell.

Var.? *Male*. Red, fusiform, very finely punctured. Head elongate-triangular. Eyes black, prominent. Rostrum extending to the hind border of the second ventral segment, black towards the tip. Antennæ black, much shorter than the body; first joint red towards the base, a little longer than the head; second a little shorter than the first; third shorter than the second; fourth rather longer than the first. Prothorax with a black band on the hind border, with a strongly-marked transverse furrow at somewhat before the middle and with an anterior transverse callus; sides reflexed. Pectoral segments bordered with yellow; metapectus black. Abdomen beneath with three yellow bands which are dilated on each side, and with three transverse black spots on each side. Tibiæ and tarsi black; fore femora beneath with minute subapical spines. Corium with a black band beyond the middle. Membrane black. Length of the body 7 lines.

a. Angola. From Mr. Rich's collection.

21. Dysdercus hæmorrhoidalis.

hæmorrhoidalis, *Sgnt. Arch. Ent.* ii. 308. *Stal, Hem. Afr.* iii. 16; *K. Sv. Vet. Ak. Handl.* 1870, 119.

Gabon.

22. Dysdercus nigrofasciatus.

nigrofasciatus, *Stal, Ofv. V. Ak. Forh.* 1853, 36; *Hem. Afr.* iii. 15; *K. Sv. Vet. Ak. Handl.* 1870, 118.

Gabon. Grand Bassam. Caffraria.

23. Dysdercus flavidus.

flavidus, *Sgnt. A. S. E. F.* 3*me Sér.* viii. 955. *Stal, Hem. Afr.* iii. 16; *K. Sv. Vet. Ak. Handl.* 1870, 119—cingulatus, *var.?*

Madagascar. Isle Mayotta. Bombon.

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24. Dysdercus fasciatus.

fasciatus, *Sgnt. A. S. E. F.* 3*me Sér.* viii. 954. *Stal, K. Sv. Vet. Ak. Handl.* 1870, 118—scrupulosus, *Stal, Ofv. Vet. Ak. Förh.* 1861, 199.

Sierra Leone. Zanzibar. Madagascar.

25. Dysdercus albicollis.

albicollis, *Schaum, Peters' Reise Mozamb. Ins.* 45. *Stal, K. Sv. Vet. Ak. Handl.* 1870, 123.

Mozambique.

26. Dysdercus ruber.

Piezodera rubra, *Sgnt. A. S. E. F.* 3*me Sér.* viii. 954, pl. 14, f. 5—Dysdercus ruber, *Stal, Hem. Afr.* iii. 13; *K. Sv. Vet. Ak. Handl.* 1870, 117.

Madagascar.

Hindostan and Ceylon.

A. Rostrum extending to the fifth ventral segment. - fuscomaculatus.
B. Rostrum extending nearly to the middle of the abdomen. - - - - - fulvomarginatus.
C. Rostrum extending to the hind border of the second ventral segment. - - - - Kœnigii.

27. Dysdercus cingulatus.

Cimex cingulatus, *Fabr. Syst. Ent.* 719; *Sp. Ins.* ii. 364; *Mant. Ins.* ii. 299. *Goeze, Ent. Beitr.* ii. 256. *Gmel. ed. Syst. Nat.* i. 2171—Cimex superstitiosus, *Thunb. Nov. Ins. Sp.* iii. 55, f. 66—Cimex Kœnigii, *Fabr. Syst. Ent.* 720; *Sp. Ins.* ii. 364; *Mant. Ins.* ii. 299. *Goeze, Ent. Beitr.* ii. 257. *Gmel. ed. Syst. Nat.* i. 2172—Lygæus cingulatus, *Fabr. Ent. Syst.* iv. 153; *Syst. Rhyn.* 221. *Mtrz. Ann. Sci. Phys. et Nat.* 3*me Sér.* vii. 1, 105—Lygæus Kœnigii, *Fabr. Ent. Syst.* iv. 155; *Syst. Rhyn.* 222. *Wolff, Ic. Cim.* i. 28, f. 28; iii. 107, f. 101—Pyrrhocoris Kœnigii, *Hahn, Wanz. Ins.* ii. 12, pl. 38, f. 122—Astemma Kœnigi, *Blanch. Hist. Ins*, 128, pl. 4, f. 8—Dysdercus Kœnigii, *Serv. Hist. Hem.* 272—Pyrrhocoris pœcilus, *H.-Sch. Wanz. Ins.* vii. 17, pl. 223, f. 699—Pyrrhocoris Solenis, *H.-Sch. Wanz. Ins.* vii. 18, pl. 223, f. 700—Dysdercus Kœnigi, *Mayr, Reise Nov. Hem.* 134—Dysdercus Kœnigii, *Stal, Hem. Fabr.* i. 84—Dysdercus cingulatus, *Stal, K. Sv. Vet. Ak. Handl.* 1870, 119—*Var.?* Lygæus olivaceus, *Fabr. Ent. Syst. Suppl.* 546; *Syst. Rhyn.* 227—Dysdercus olivaceus, *Stal, Hem. Fabr.* i. 84; *K. Sv. Vet. Ak. Handl.* 1870, 119.

a—*c*. Hindostan. Presented by W. W. Saunders, Esq.
d. Siam. Presented by W. W. Saunders, Esq.
e—*h*. Hindostan. From the Entomological Society's collection.
i. Cambodia. Presented by W. W. Saunders, Esq.

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j, *k*. Hindostan. Presented by J. C. Bowring, Esq.
l, *m*. Yang-tsze. Presented by J. C. Bowring, Esq.
n—*r*. Ceylon. Presented by Dr. Templeton.
s—*u*. Tenasserim. Presented by J. C. D. V. Packman, Esq.
v. Seychelles. Presented by Prof. E. P. Wright.
w. Java. From the East India Company's collection.
x. Java. Presented by J. C. Bowring, Esq.
y. Amboina. Presented by W. W. Saunders, Esq.
z. Celebes. Presented by W. W. Saunders, Esq.
aa. Singapore. Presented by W. W. Saunders, Esq.
bb. Sula. Presented by W. W. Saunders, Esq.
cc. Bali. Presented by W. W. Saunders, Esq.
dd. Ceram. Presented by W. W. Saunders, Esq.
ee. New Guinea. Presented by W. W. Saunders, Esq.
ff. Celebes. From Madame Ida Pfeiffer's collection.
gg. New Hebrides. Presented by the Admiralty.
hh. Sumatra. From Sir Stamford Raffles' collection.
ii. Ceram. From Madame Ida Pfeiffer's collection.
jj. Philippine Isles. From Dr. Cuming's collection.
kk. North Bengal. From Lieut. Campbell's collection.
ll. Ceylon. Presented by Dr. Templeton.
mm. Celebes. From Mr. Wallace's collection.

Var.? *Male*. Straw-colour, fusiform, very finely punctured, red, smooth and shining beneath. Head red, conical; middle lobe forming a slight keel. Eyes livid, rather prominent. Rostrum red, extending to the hind coxæ. Antennæ black, rather shorter than the body; first joint red towards the base, longer than the head; second much shorter than the first; third much shorter than the second; fourth as long as the first. Prothorax with a red band on the fore side of the distinct transverse furrow, which is near the fore border; sides red, reflexed; fore border white. Scutellum and pectus red, the latter with three excavated white bands on each side. Hind borders of the ventral segments white. Legs red; fore femora beneath with very minute spines and with three larger spines near the tips. Corium of the fore wings with an irregular black band beyond the middle; membrane black, bordered with cinereous. Length of the body 7 lines.

a. ——— ? Presented by W. W. Saunders, Esq.

Var.? *Male*. Ochraceous, fusiform, very finely punctured. Head elongate-triangular. Eyes, rostrum, antennæ, legs and membrane black. Eyes slightly prominent. Rostrum extending to the hind border of the first ventral segment. Antennæ rather shorter than the body; first joint longer than the head; second much shorter than the first; third much shorter than the second; fourth almost as long as the first. Prothorax with a transverse callus in front of the well-defined transverse furrow, which is at somewhat before the middle; sides reflexed. Pectoral and ventral segments bordered with white. Femora towards the base, coxæ and trochanters red; fore femora beneath with a minute subapical spine. Length of the body 5 lines.

a. Wagiou. Presented by W. W. Saunders, Esq.

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28. Dysdercus fuscomaculatus.

Dysdercus fusco-maculatus, *Stal, Berl. Ent. Zeit.* vii. 402—Leptophthalmus fusco-maculatus, *Stal, K. Sv. Vet. Ak. Handl.* 1870, 124.

Amoy, China.

Eastern Isles.

A. Head red or luteous.
a. Scutellum black. - - - - - coloratus.
b. Scutellum red. - - - - - concinnulus.
B. Head black.
a. Corium white. - - - - - albescens.
b. Corium black, pale-bordered. - - - Philippinus.

29. Dysdercus insularis.

insularis, *Stal, K. Sv. Vet. Ak. Handl.* 1870, 120.

Fiji Isles.

30. Dysdercus Sidæ.

Sidæ, *Mrtz. A. S. E. F. 4me Sér.* i. 68. *Stal, K. Sv. Vet. Ak. Handl.* 1870, 120.

New Caledonia. Australia.

31. Dysdercus impictiventris.

impictiventris, *Stal, K. Sv. Vet. Ak. Handl.* 1870, 120.

Fiji Isles.

32. Dysdercus Philippinus.

Philippinus, *H.-Sch. Wanz. Ins.* ix. 176, pl. 317, f. 980. *Mayr, Reise Nov. Hem.* 134. *Stal, K. Sv. Vet. Ak. Handl.* 1870, 118.

Philippine Isles.

a. Banda. From Mr. Wallace's collection.
b. ———? Presented by W. W. Saunders, Esq.

Var. Male. Black, fusiform. Head elongate-triangular. Eyes not prominent. Rostrum extending to the hind coxæ. Antennæ much shorter than the body; first joint much longer than the head; second much shorter than the first; third much shorter than the second; fourth as long as the first. Prothorax with a transverse callus in front of the strongly-marked transverse furrow which is at somewhat before the middle; fore border white; disk of the hind part black. Pectus and abdomen red, their segments bordered with white. Legs black; coxæ red; fore femora beneath with two subapical spines. Corium wholly bordered with pale yellow. Length of the body 5½ lines.

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33. Dysdercus pyrrhomelas.

Pyrrhocoris pyrrhomelas, *H.-Sch. Wanz. Ins.* vii. 19, pl. 223, f. 702—Dysdercus pyrrhomelas, *Stal, K. Sv. Vet. Ak. Handl.* 1870, 123.

Java.

34. Dysdercus crucifer.

crucifer, *Stal, K. Sv. Vet. Ak. Handl.* 1870, 118.

Pulo Loz.

35. Dysdercus decussatus.

decussatus, *Boisd. Voy. Astr. Ins.* ii. 640, pl. 11, f. 17.

Carteret.

36. Dysdercus oceanicus.

oceanicus, *Boisd. Voy. Astr. Ins.* 641, pl. 11, f. 18.

New Ireland.

37. Dysdercus coloratus.

Fœm. *Rufus; caput luteum; rostrum coxas intermedias attingens; antennæ nigræ, corpore multo breviores; prothorax fascia nigra lata abbreviata testaceo marginata; scutellum nigrum; mesopectus et metapectus nigro biplagiata; venter vittis duabus latissimis nigris vittaque intermedia testacea; pedes nigri, coxis trochanteribusque rufis, femoribus anticis subtus rufis; corium luteum, vitta costali rufa; membrana nigra, cinereo marginata.*

Female. Bright red. Head luteous, triangular; middle lobe prominent. Eyes livid, rather large and prominent, close to the prothorax. Rostrum extending to the middle coxæ. Antennæ black, much shorter than the body; first joint longer than the head; second much longer than the first; third a little shorter than the first; fourth a little longer than the second. Prothorax thinly punctured, with two slight transverse furrows; first furrow curved, near the fore border; an intermediate broad abbreviated black band, which is bordered with testaceous on each side and in front, where it is concave. Scutellum black. Mesopectus and metapectus with a large black patch on each side. Abdomen beneath testaceous between two very broad black stripes, which do not extend to the tip. Legs black; coxæ and trochanters red; fore femora slightly incrassated, red beneath, where there are three subapical spines. Corium luteous, punctured, with a bright red costal stripe, which does not extend to the tip; membrane black, with a very narrow cinereous border. Length of the body 7—8 lines.

a. Ceram. Presented by W. W. Saunders, Esq.
b. Java. From the East India Company's collection.

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38. Dysdercus albescens.

Mas et fœm. *Albidus, capite rostro antennis abdominis dorso pedibus membranaque nigris; rostrum basi rufum, coxas posticas attingens; antennæ corpore multo breviores; prothorax antice subrufescens, lateribus nigris; scutellum subrufescens, nigro marginatum; pectus luteum, segmentis albido marginatis; venter rufo marginatus; femora rufa, apice nigra; corii costa nigra.*

Male and female. Whitish. Head, rostrum, antennæ, abdomen above, legs and membrane black. Prothorax extending to the hind coxæ; first joint red. Antennæ much more than half the length of the body; first joint much longer than the head; second very much shorter than the first; third very much shorter than the second; fourth a little longer than the second. Prothorax with a strongly-marked transverse furrow near the fore border and with reflexed black sides; a reddish tinge in front of the furrow. Scutellum with a reddish tinge, narrowly bordered with black on each side. Pectus luteous; segments with whitish borders. Abdomen beneath red along each side and at the tip. Femora red; tips black. Corium with a black costa. Length of the body 4½—6 lines.

a—d. Fiji Islands. From the Voyage of H.M.S. Herald.

39. Dysdercus concinnulus.

Mas. *Ochraceus, fusiformis, subtus rufus, antennis pedibus membranaque nigris; rostrum segmenti 1i ventralis marginem posticum attingens; antennæ basi rufæ, corpore multo breviores; segmenta pectoralia et ventralia albo marginata; femora rufa, apices versus nigra; membrana cinereo tenuiter marginata.*

Male. Orange, fusiform, red beneath. Eyes, tips of the rostrum, antennæ, legs and membrane black. Rostrum extending to the hind border of the first ventral segment. Antennæ much shorter than the body; first joint much longer than the head, red at the base; second much shorter than the first; third much shorter than the second; fourth as long as the first. Prothorax with a distinct transverse furrow near the fore border and with reflexed sides. Pectoral and ventral segments bordered with white. Femora red, black towards the tips. Membrane with a very narrow cinereous border. Length of the body 4½ lines.

a. Flores. Presented by W. W. Saunders, Esq.

Country unknown.

40. Dysdercus discolor.

Mas. *Rufus, fusiformis; rostrum coxas posticas attingens; antennæ nigræ, corpore multo breviores, articulo 4o basi albo; prothorax postice piceo fasciatus; scutellum nonnunquam basi piceum; pedes picei, femoribus nonnunquam rufis; corium piceum; membrana nigra, cinereo marginata.*

Male. Red, fusiform. Rostrum extending to the hind coxæ. Antennæ black, much shorter than the body; first joint longer than the head, red at the base; second rather shorter than the first; third very much shorter

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than the second; fourth white at the base, nearly as long as the first. Prothorax with a strongly-marked transverse furrow at somewhat before the middle, and with a fusiform piceous band on the hind border. Scutellum sometimes piceous in the middle at the base. Legs piceous; femora sometimes red. Corium piceous. Membrane black, with a narrow cinereous border. Length of the body 5 lines.

a, *b*. ——— ?

41. Dysdercus pectoralis.

Mas. *Testaceus, longi-ellipticus, subtus luteus, rostro antennis pedibusque nigris; rostrum segmentum 2um ventrale attingens, articulo 1o luteo; antennæ corpore multo breviores, articulo 4o luteo apicem versus nigro; pectus nigro bifasciatum; venter ferrugineo plagiatus; femora lutea, basi nigra; membrana apicem versus nigra, apice diaphano.*

Male. Testaceous, elongate-elliptical, luteous beneath. Eyes, rostrum, antennæ and legs black. Eyes rather prominent. Rostrum extending to the second ventral segment; first joint luteous. Antennæ much shorter than the body; first joint longer than the head; second a little shorter than the first; third much shorter than the second; fourth luteous, black towards the tip, a little longer than the first. Prothorax with a well-defined transverse furrow at somewhat in front of the middle. Pectus with two black bands. Abdomen beneath with some ferruginous patches. Femora luteous, black at the base. Membrane black towards the tip, which is pellucid. Length of the body 8 lines.

a. ——— ?

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ERRATA.

Page 14.
For Bathysolin *read* Bathysolen.

Page 19.
For sanguineas *read* sanguineus.

Page 22.
For Corius *read* Corizus.

Page 24.
Two genera are here accidentally reprinted.

Page 39.
For criticus *read* creticus.

Page 42.
Lygæus turcicus is erroneously reprinted in p. 46.

Page 58.
For semirubes *read* semiruber.

Page 68.
For 16. NYSIUS NUBILUS *read* 16. NYSIUS NUBILUS.

Page 77.
For 10. APHANUS DILUTICORNIS *read* 10. APHANUS DILATICORNIS.

Page 114.
Pterotmetus bis-lectum. P. punctulatus twice printed.

Page 116.
For Fontijus *read* Fontejus.

Page 143.
Dele Cymus orbus and reference.

Page 144.
For HENESTARIS OCULUS-CANERI *read* HENESTARIS OCULUS-CANCRI.

Page 146.
For fusifemus *read* fusifemur.

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